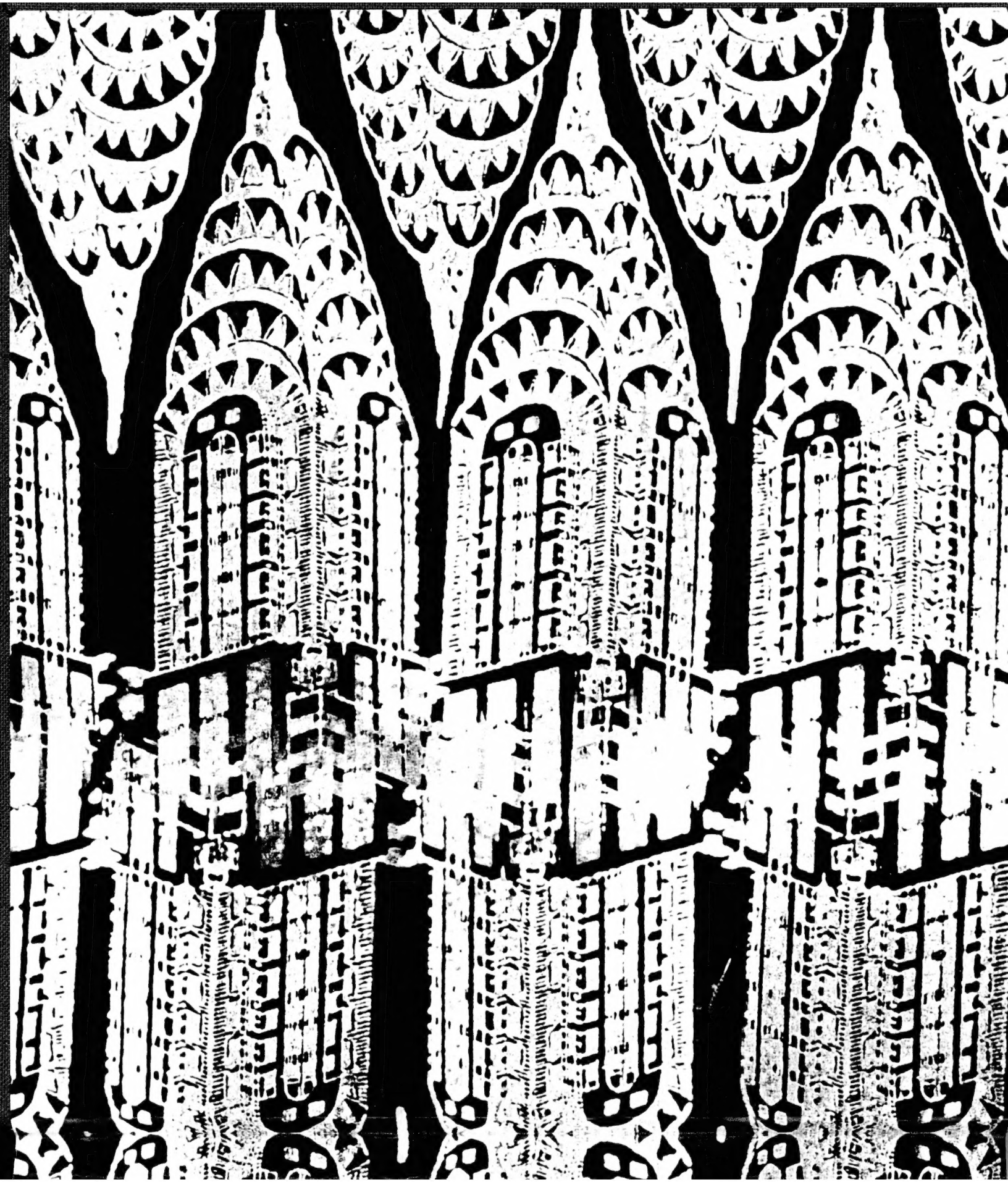
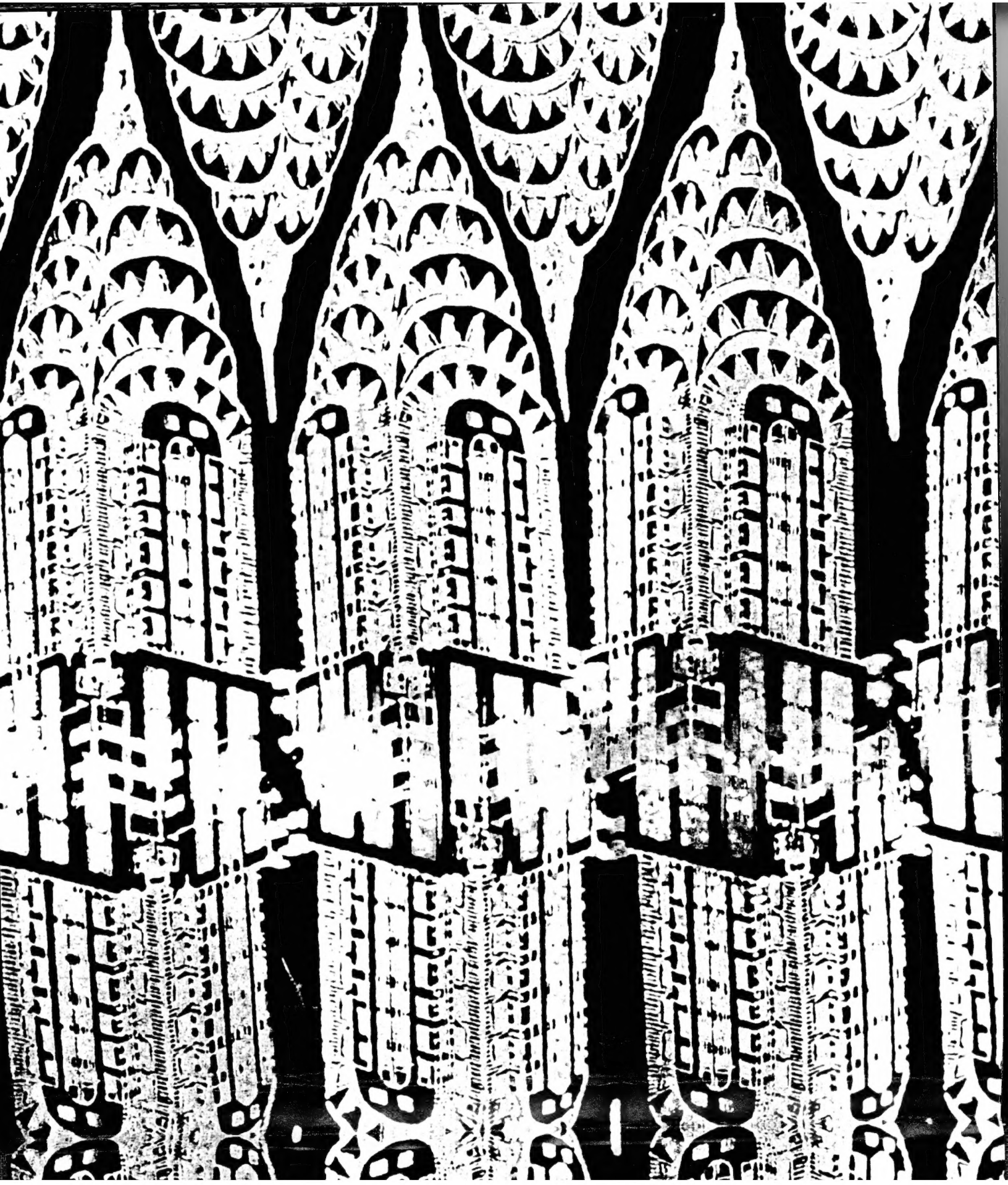
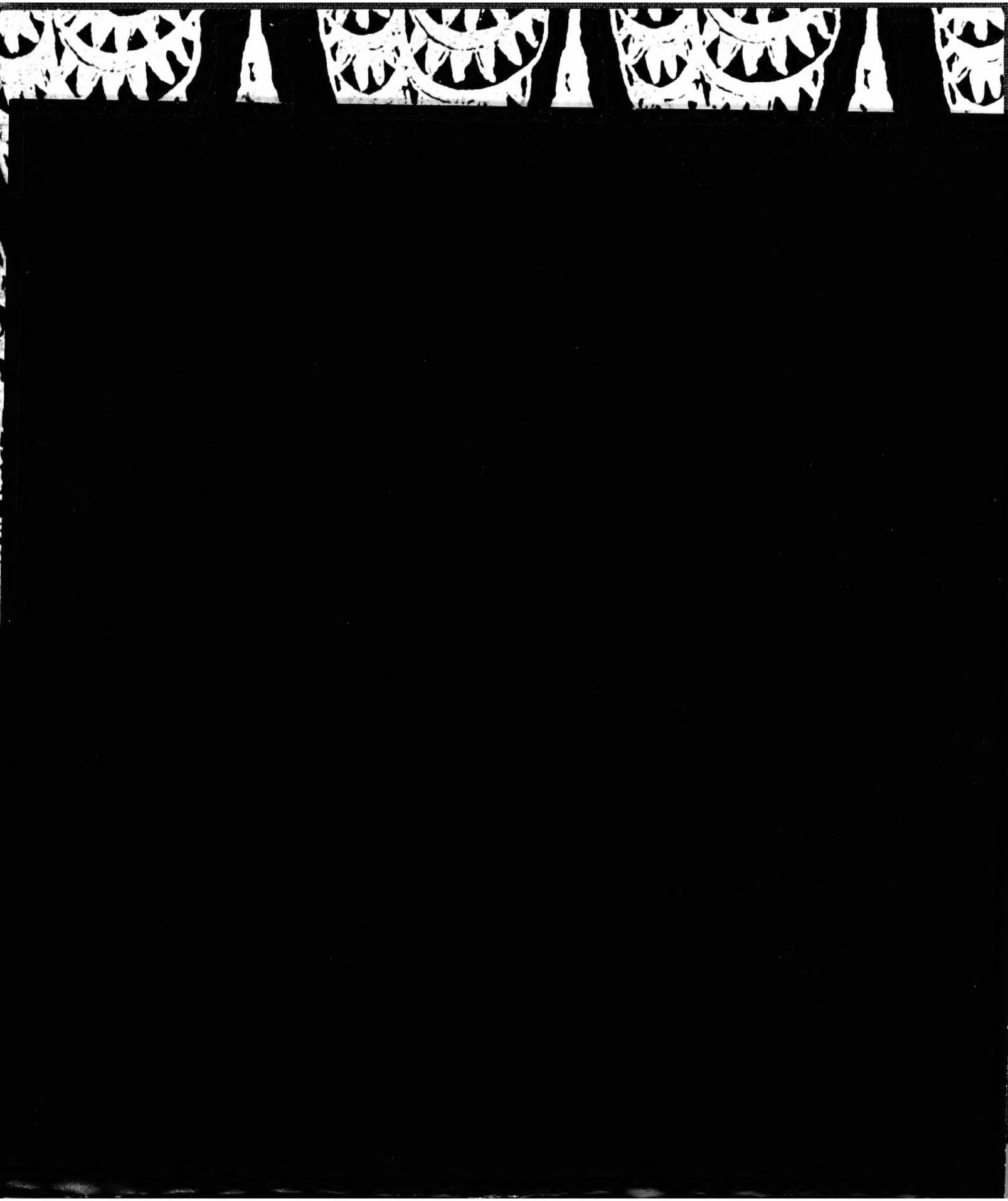






THE CABLE 2019

The 97th edition of The Cable, celebrating the 160th commencement.

Named in honor of Peter Cooper's role in laying the transatlantic cable, The Cable was first printed in 1922 & has been produced nearly every year since.

In memoriam Avery Genus & Veronica Cho.

1934 Cable

PETER COOPER, PHILANTHROPIST

IT is difficult for us today to appreciate the remarkable understanding and great foresight exhibited by Peter Cooper in his courageous attempt to establish a free night school in New York City in the middle period of the nineteenth century.

Ideas first occurred to him when he was a youth struggling for education, and for a half-century he kept them in mind, occasionally altering them as changing circumstances necessitated, but never losing sight of them. Slowly, without friends, with little assistance, he started to gather funds for the opening of a free night school.

At this time millions of immigrants, uneducated and illiterate, were entering the country, adding to the misery of the poorer sections of the city. These industrial classes were demanding an outlet for their energies, an opportunity to rise upward in the economic scale. As Peter Cooper perceived all this, it strengthened his determination to assist these social conditions by providing free education, and the means for innocent entertainment, to those who were handicapped by circumstance.

In 1828 the philanthropist's ideas became welded into a definite and practical form. At this time, he became acquainted with a Dr. Rogers, a fellow-alderman who had recently visited France. Dr. Rogers described to his friend the free polytechnic school maintained by the French government in Paris. He expressed particular admiration for the many appliances used to demonstrate the practical branches of applied science.

The founder's own words best describe the formation of his plans at this time:

> *"I then determined, if ever I could acquire the means, I would build such an institution as would open its doors at night with a full course of instruction calculated to enable its mechanics to understand both the theory and the most skillful practice of their several trades; so that they could not only supply their labor to the best possible advantage, but enjoy the happiness of acquiring useful knowledge—the purest and the most innocent of all sources of enjoyment. . . ."*

To some extent this became the framework of the institution he proposed to give to his native city. In 1853 the cornerstone of the Union was laid in the presence of a notable company, and the erection of a six-story, fireproof, brown sandstone building, constructed entirely of stone, brick, and iron was begun. While Cooper Union was in course of construction, the terrible panic of 1859 occurred. Despite financial risk to himself and to his business, Peter Cooper persisted in his undertaking. This first project was finished at a cost of more than $600,000 for the land and the building.

Cooper Union, when built, was with the exception of certain churches and the City Hall, the tallest edifice in town. It was the first thoroughly fireproof building of cement and steel construction. The hope and belief that made Peter Cooper plan this first building for a long life has been fulfilled in the steady growth and progress of Cooper Union from its inception until today.

Fig. 3. Photomicrograph of the Ruffner Mountain Sandstone.

1976 Cable

3 buildings off the Bowery

Our experiences in Cooper Union have been elusive and varied.
This book is an attempt to give them a tangible form.

We went to school at Cooper Union. Diverse reasons and circumstances led us here. On leaving, our paths will be separate again, altered toward new directions, by the quality of time we have spent here. The world no longer looks the same.

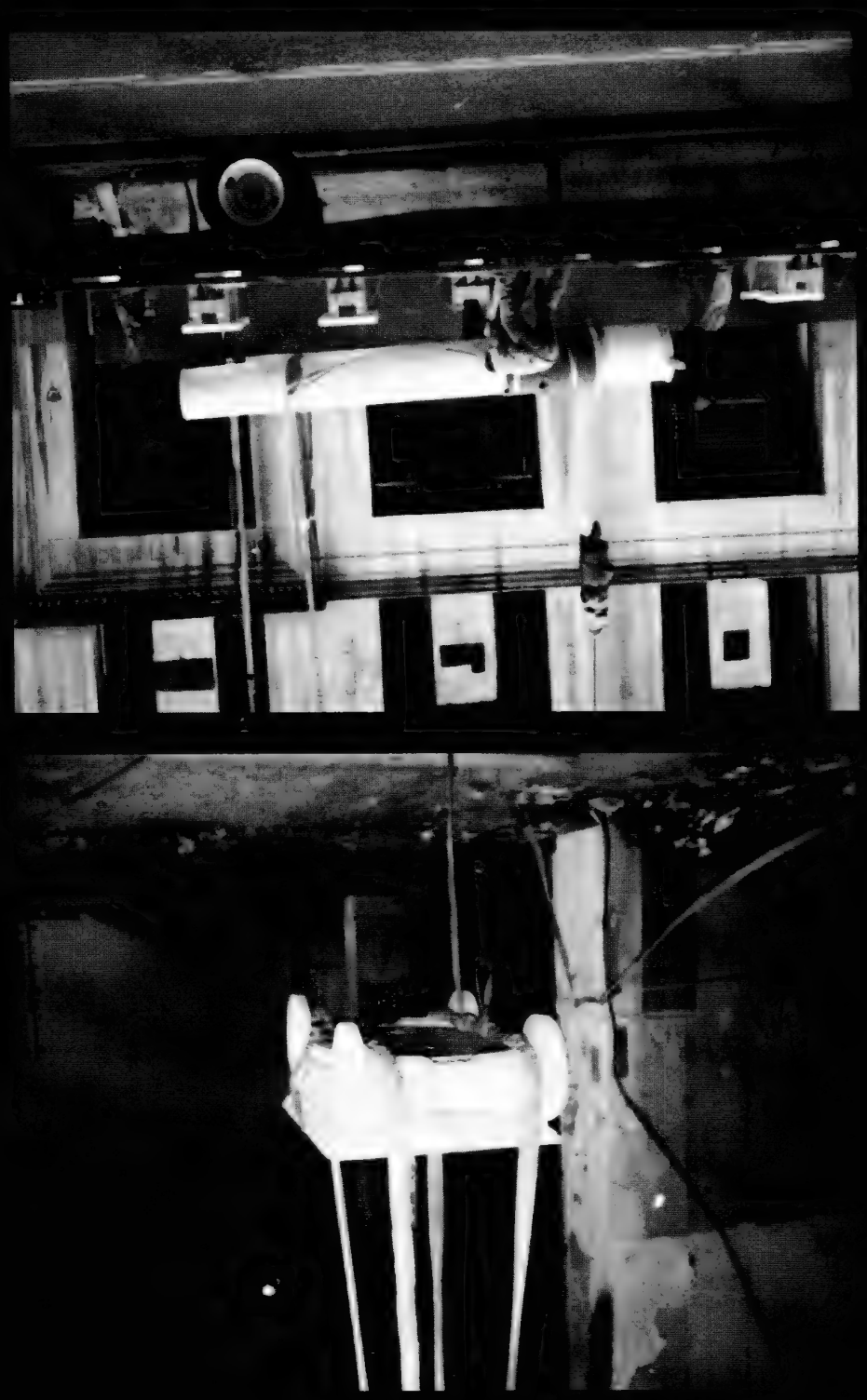
We met people. We made friends. Some will travel with us only in memory and others will become lifelong partners. There was serious work to be done, goals to pursue and dreams to realize. We sought quiet places to think. Sometimes we went out for coffee or beer and we didn't work hard. We worried, got angry and often felt unjustly wronged. Although the past years have been shared, in essence, each one of us has been alone, intensely involved in the development of our own work. The days were never long enough to finish what we had begun. No one can explain how the calendar year came to read 1976. Nevertheless it has; our stay here has come to an end. Now we are ready to begin again in other places.

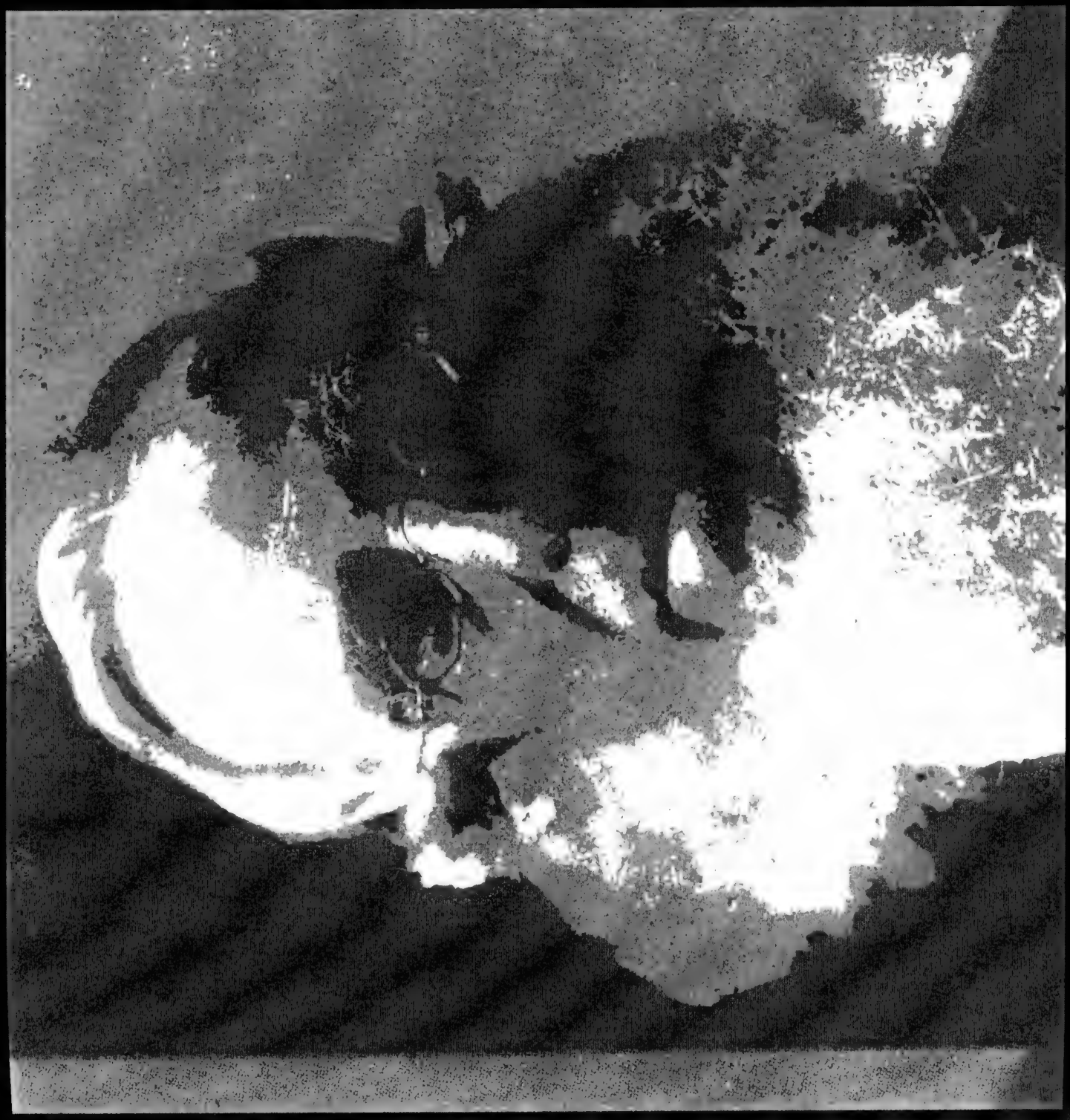
The knowledge and experience we have gained during our years at Cooper Union cannot be categorized as a finite segment of our lives. It must enrich our progress as we seek a framework in which to view the surrounding world. As time progresses, we shall have to analyze and negotiate more far-reaching changes and upheavals than those we have encountered as students in one school. However, we have acquired the necessary tools. The subjects that we studied had different names and vocabularies. We have approached the world from opposing ends, discovering that it is indeed a sphere.

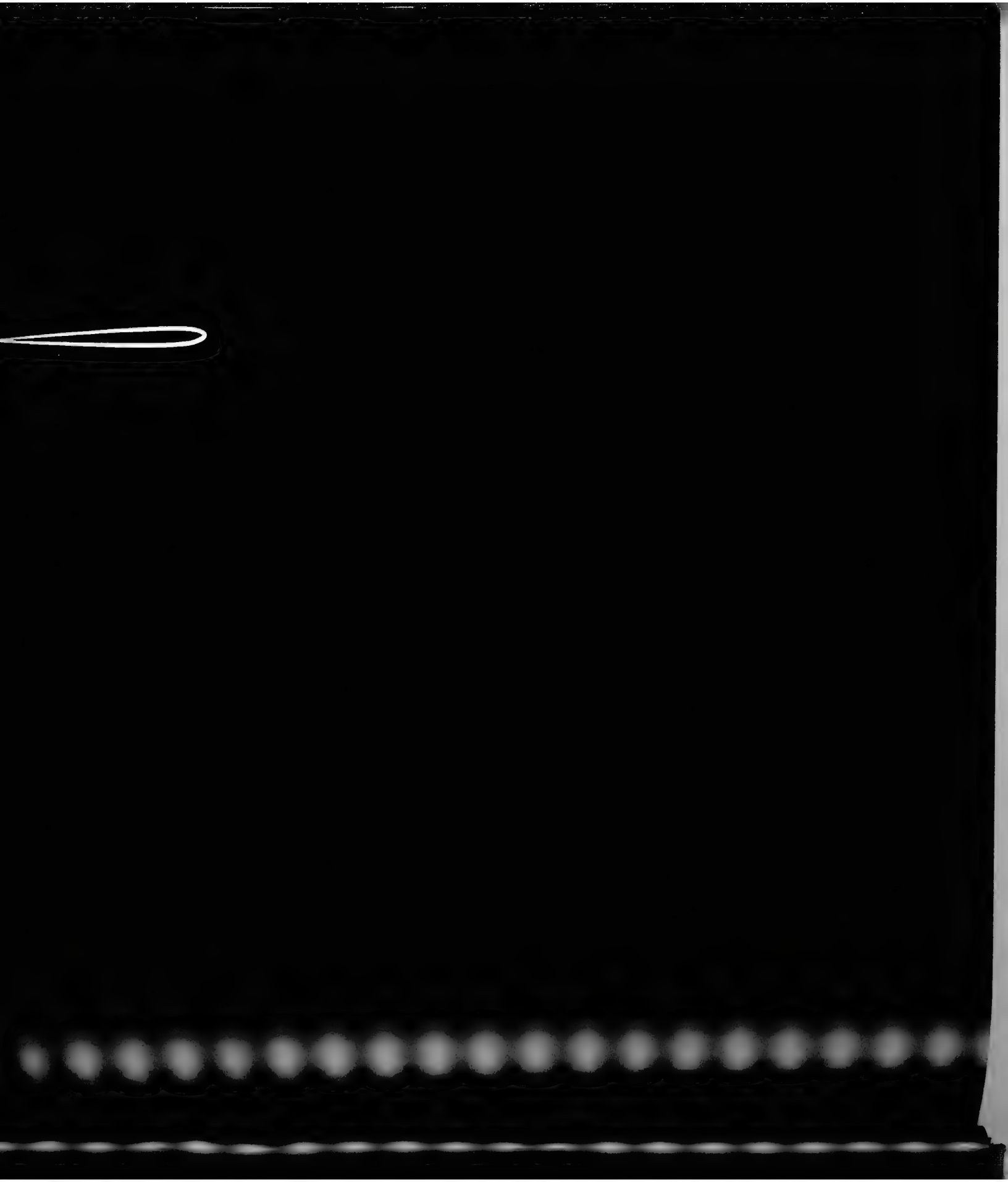
"In the course of a century
there will, of course, be
a great number of graduates of
the Cooper Union and the day
will surely come when they,
these graduates, will rally round
this institution, and if the plans
I have formed can be executed
in no other way they will see
they are carried out."

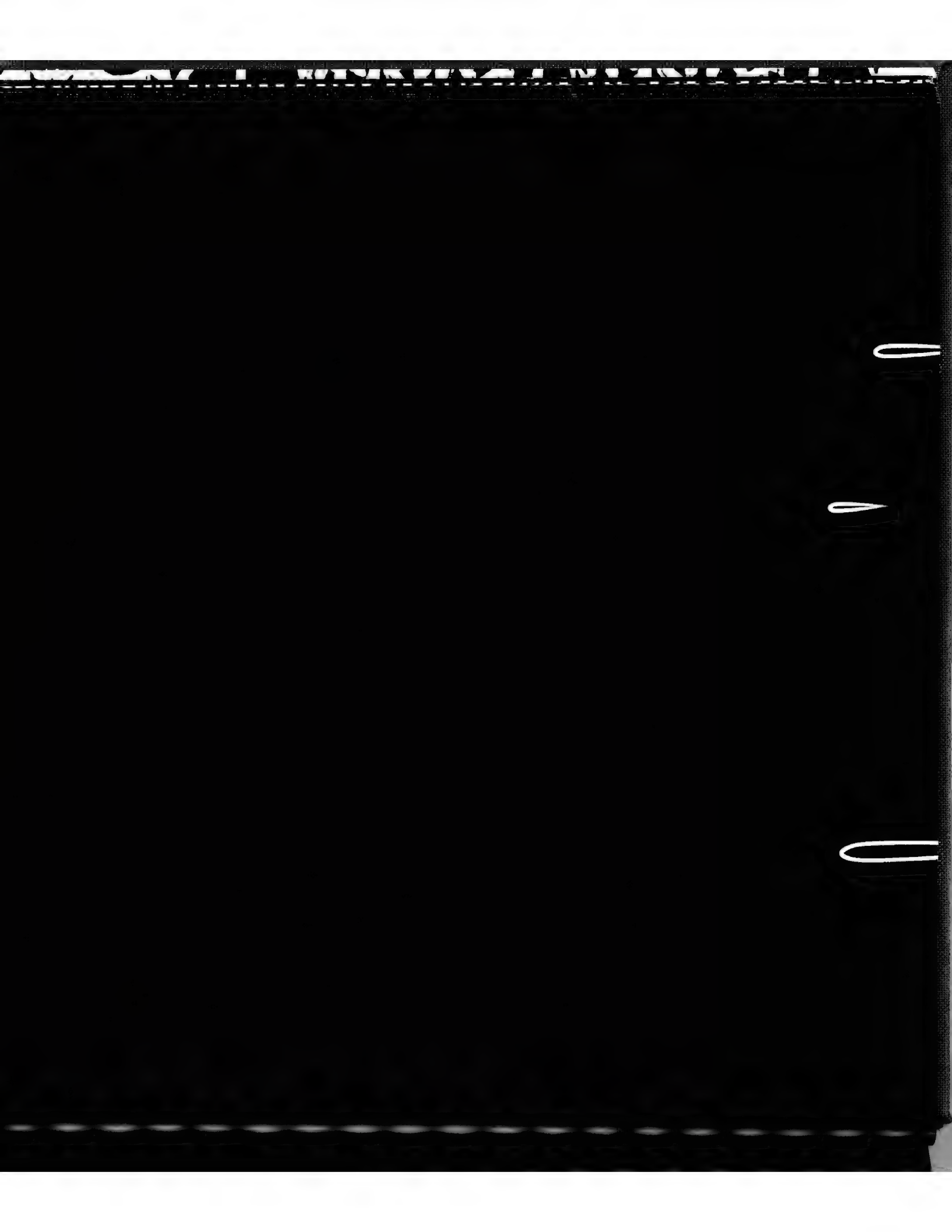
Peter Cooper

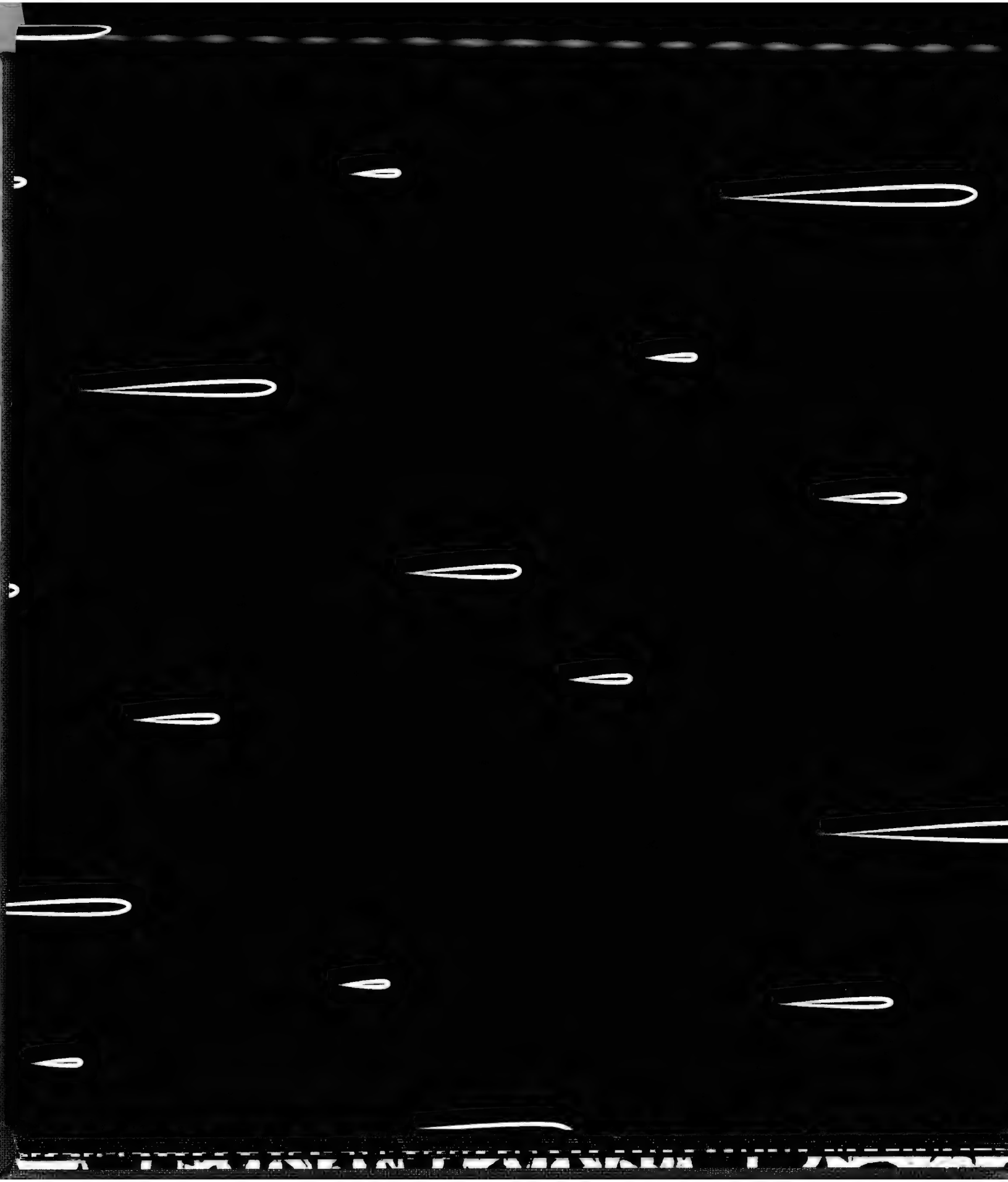
From the demolition of the Hewitt Building.

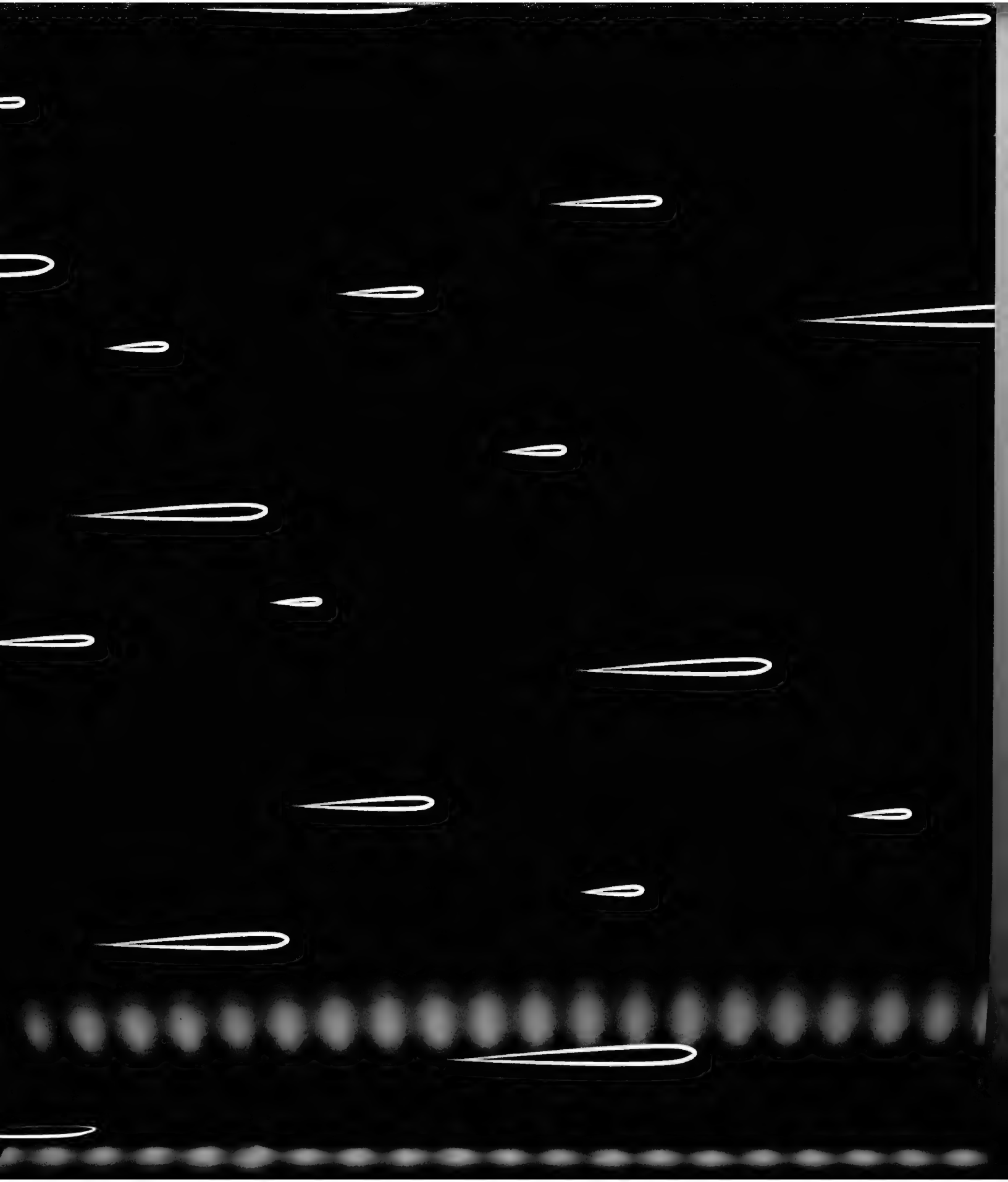


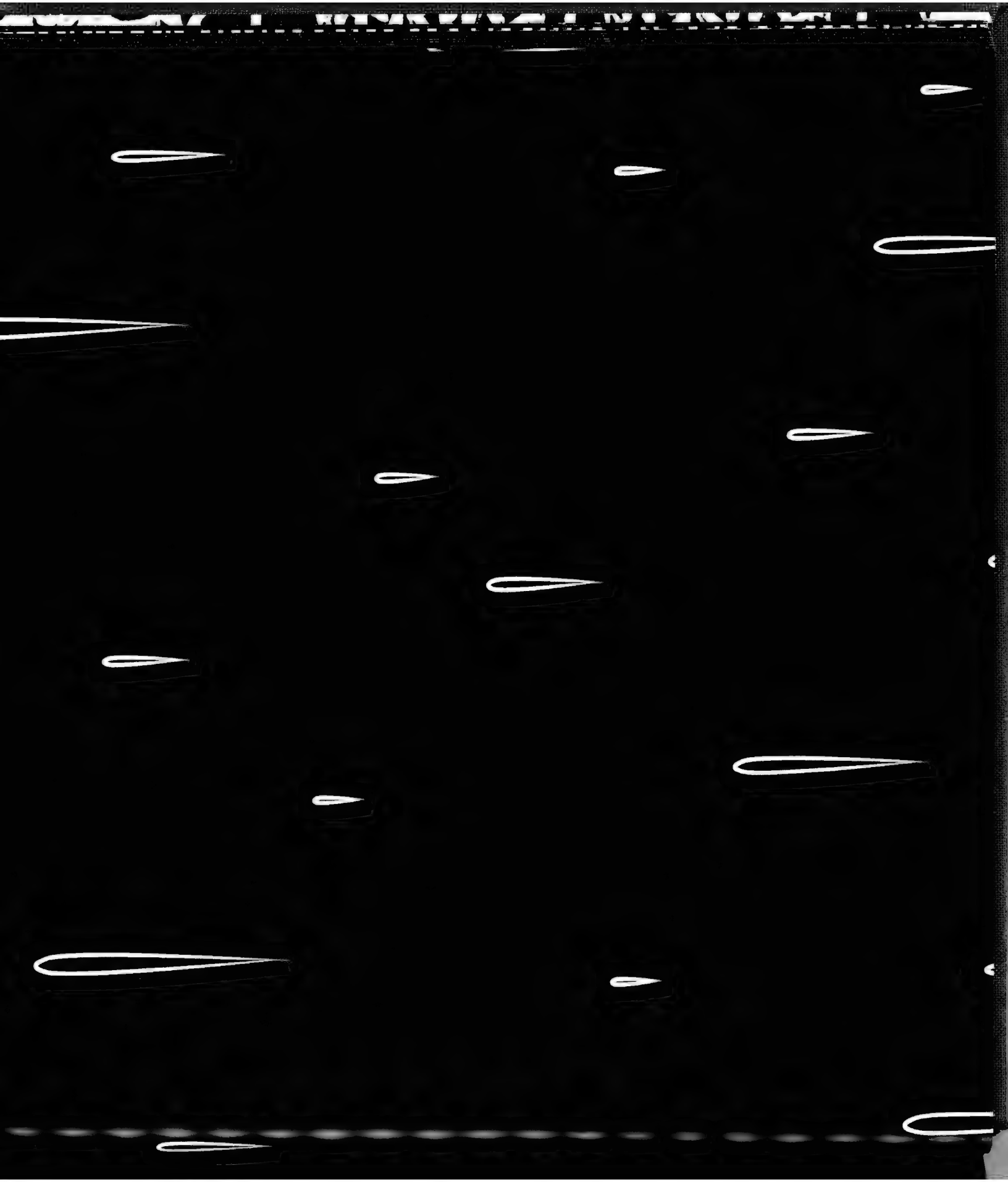


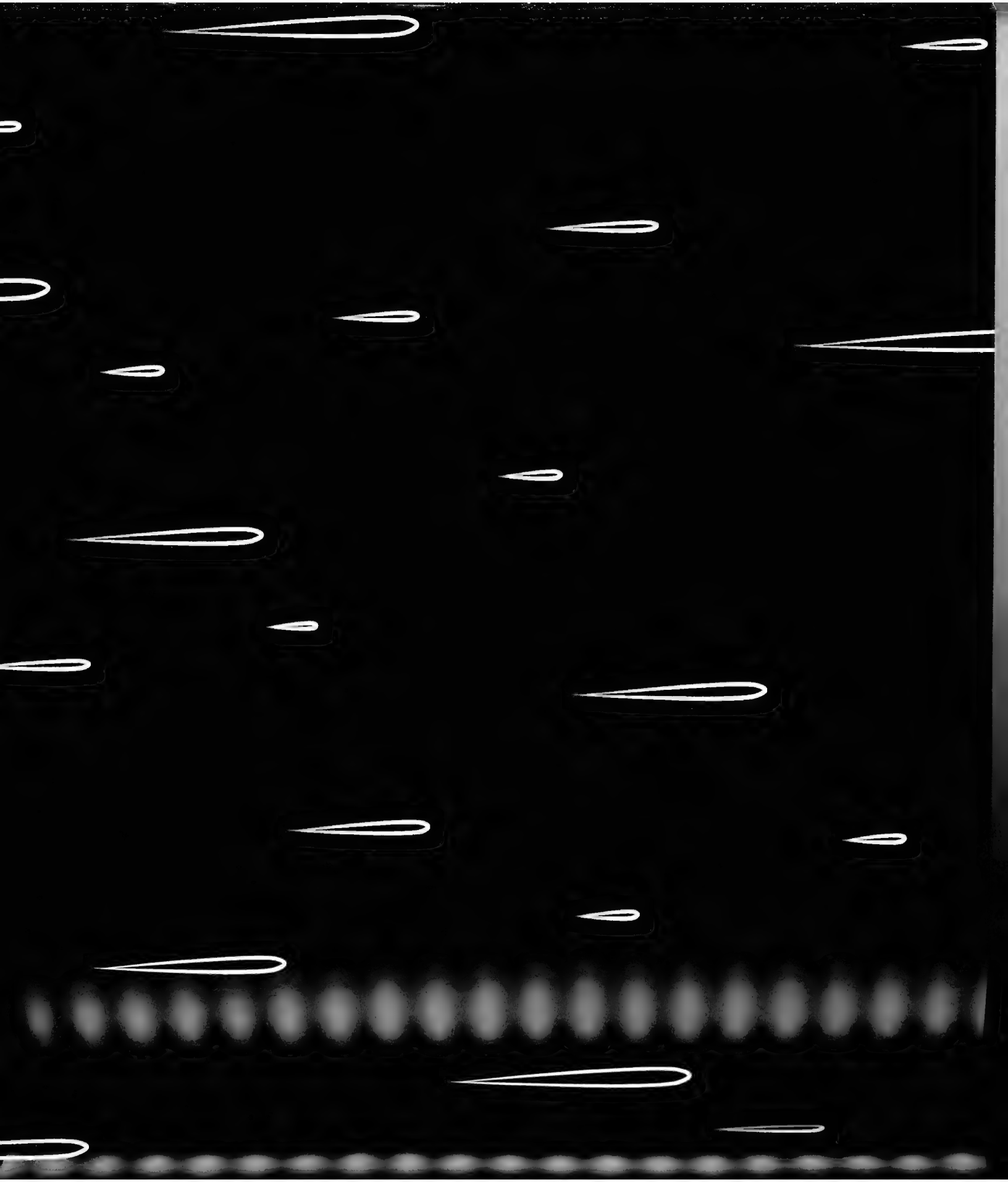


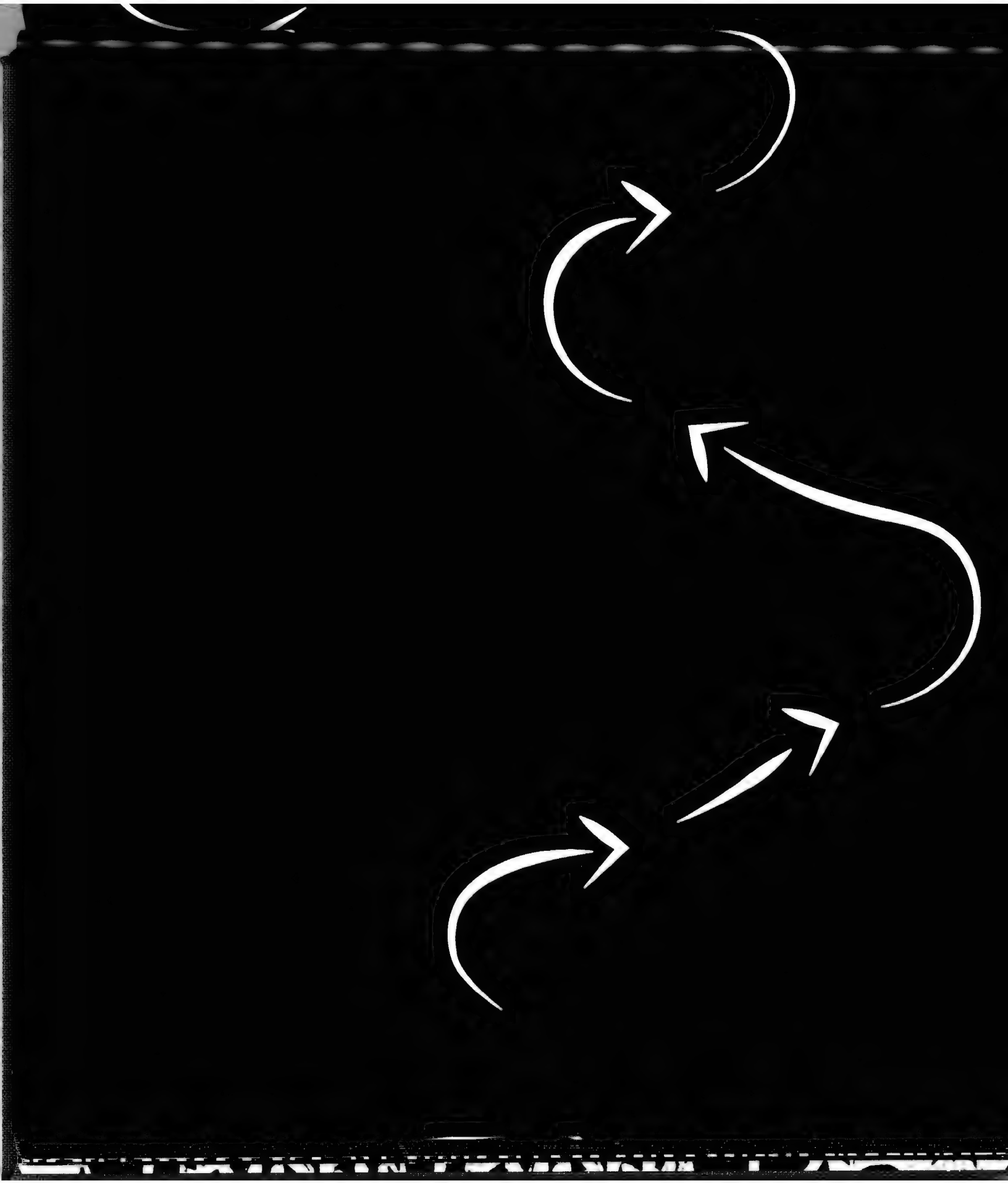


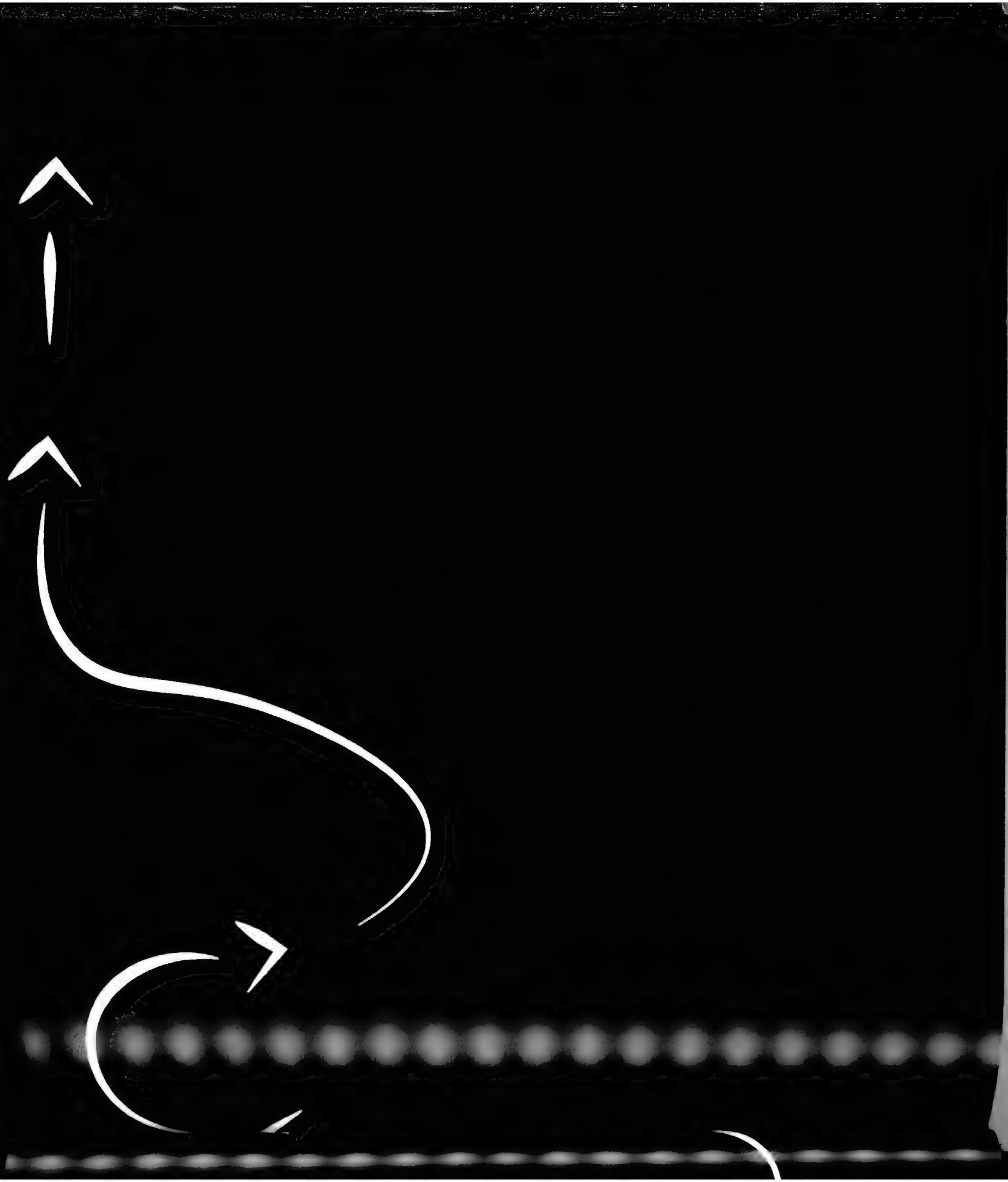




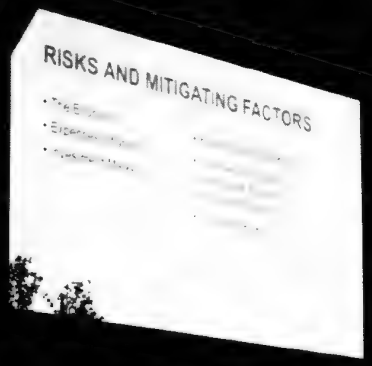








Log In
GO LIVE
Cooper Union Alum...
FEC Town...
Log In
GO LIVE
Cooper Union Alum...
Fec Town...


RISKS AND MITIGATING FACTORS

PRIVATE RECEPTION THIS WAY
Education
Excellence
Vision
Social Justice
Citizenship
Equity
Leadership
Advocacy
Legacy
Engagement

Full-Time Faculty

Diana Agrest
Professor

Anthony Vidler
Professor

Lorena del Rio
Assistant Professor

Michael Young
Assistant Professor

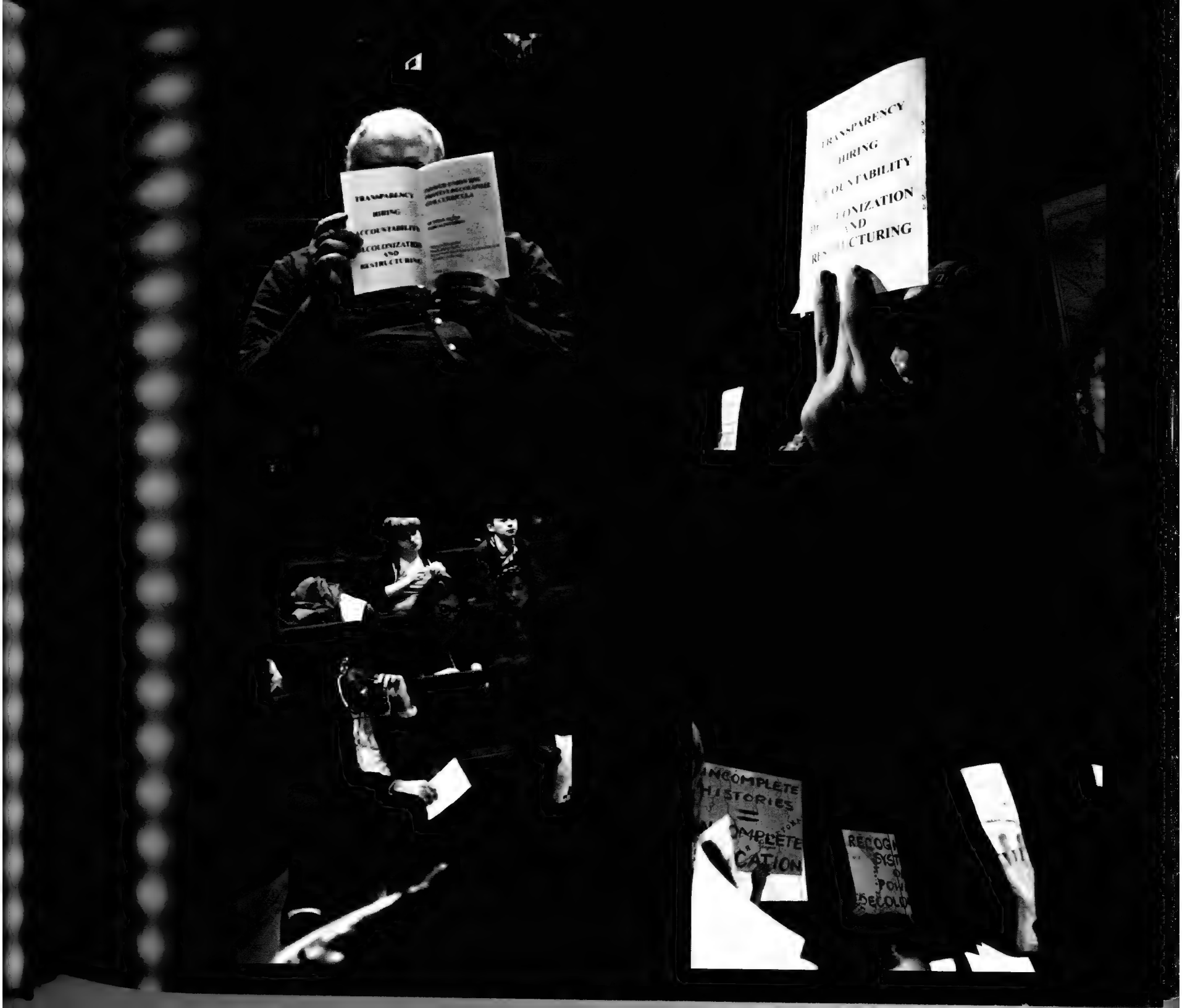
Did Architecture respond to the FEC report?

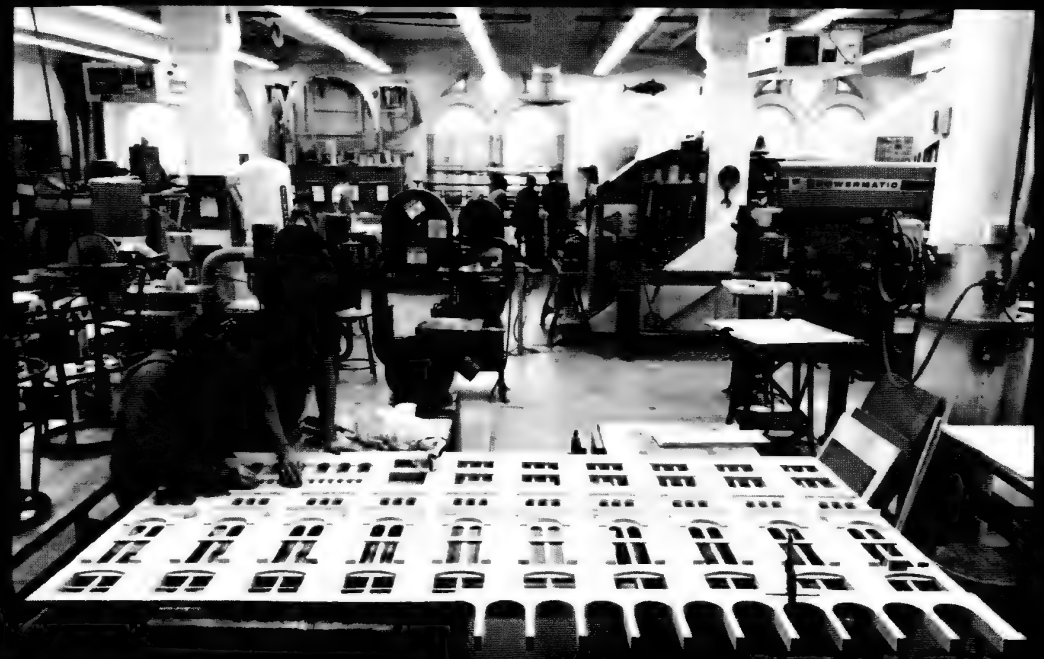
School of Art faculty response to FEC:

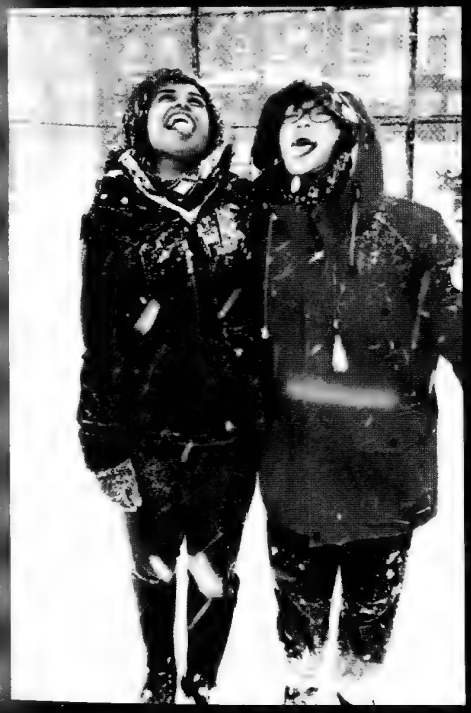
February 19, 2018

To: Board of Trustees, The Cooper Union.

The full-time faculty of the School of Art urges the Board of Trustees to initiate an in-depth analysis of the impact of tuition on maintaining the school's reputation for academic quality. The faculty, in its continued advocacy of 100% tuition scholarship for all, urges the Board to reconsider parts of the Free Education Committee's Recommended Plan. In particular, the faculty expresses its serious reservations with regard to two items: 1) The 10-year timeline to return to a 100% tuition scholarship; and 2) the increase in the dorm rate as a way to generate additional revenue. Beyond the datable points of admission offers, rates and yields, SAT scores and GPAs, we advise the Board to consider the immaterial as well as the material impact of tuition on students and alumni. We request that the Board delay voting on the Recommended Plan until these concerns are given due consideration.


TRANSPARENCY
HIRING
ACCOUNTABILITY
AND
TRANSPARENCY
HIRING
AND
INCOMPLETE
HISTORIES
=

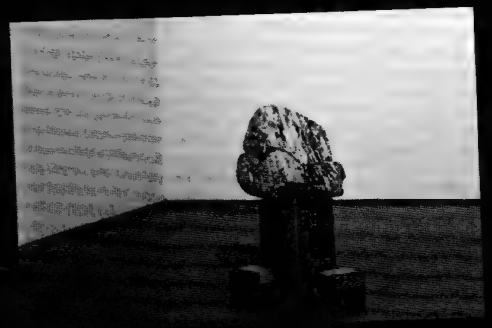


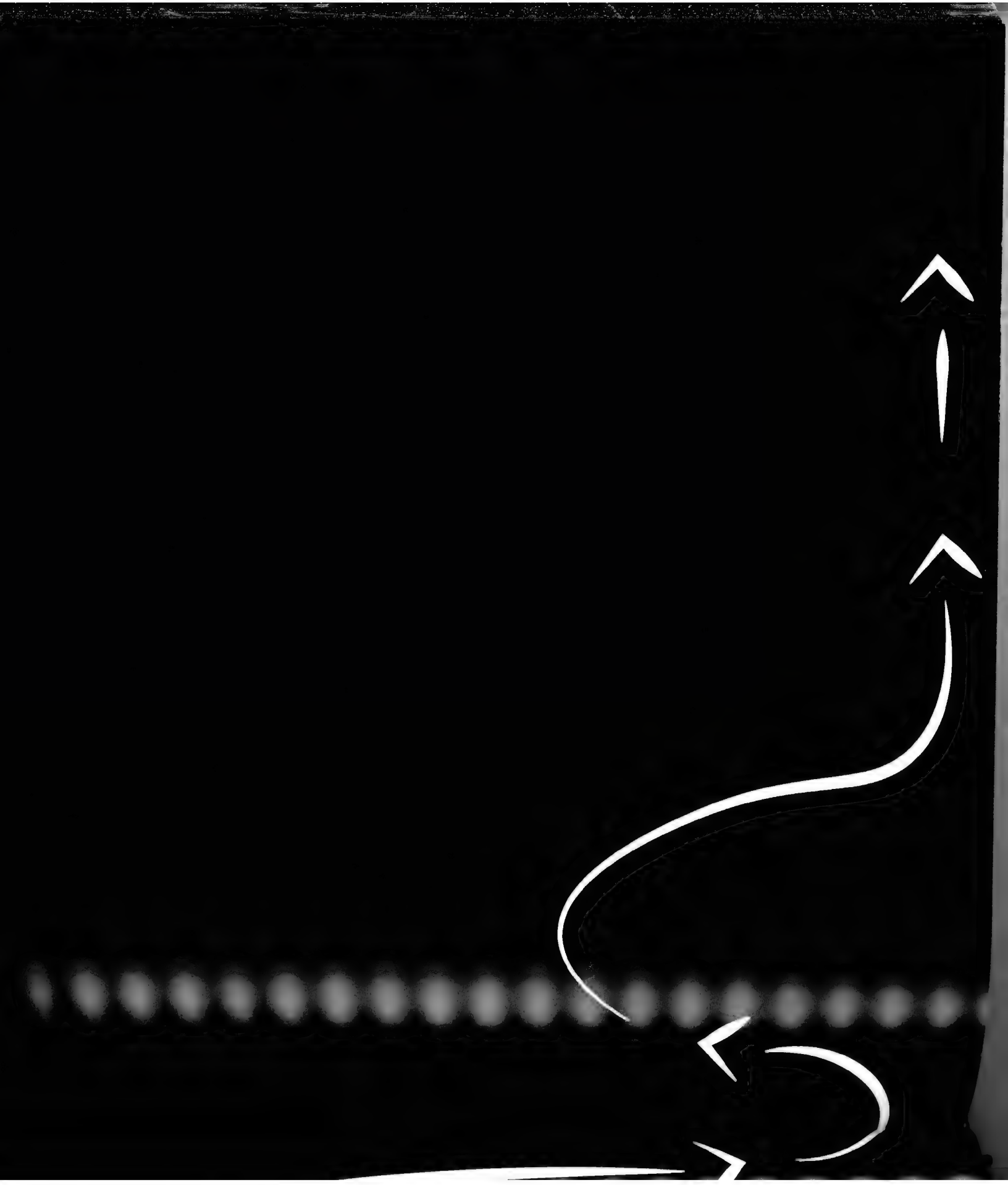


FOUND IT

Found my rock.
It was in my backpack
p nice rock right?

Thank you





Mireya Fabregas

Julia DiPietro

Kevin Savillon

Yuki Nakayama

Nacho Figallo

Stav Eilam

Mira Almazrooei

Parker Limon

Natalia Oliveri

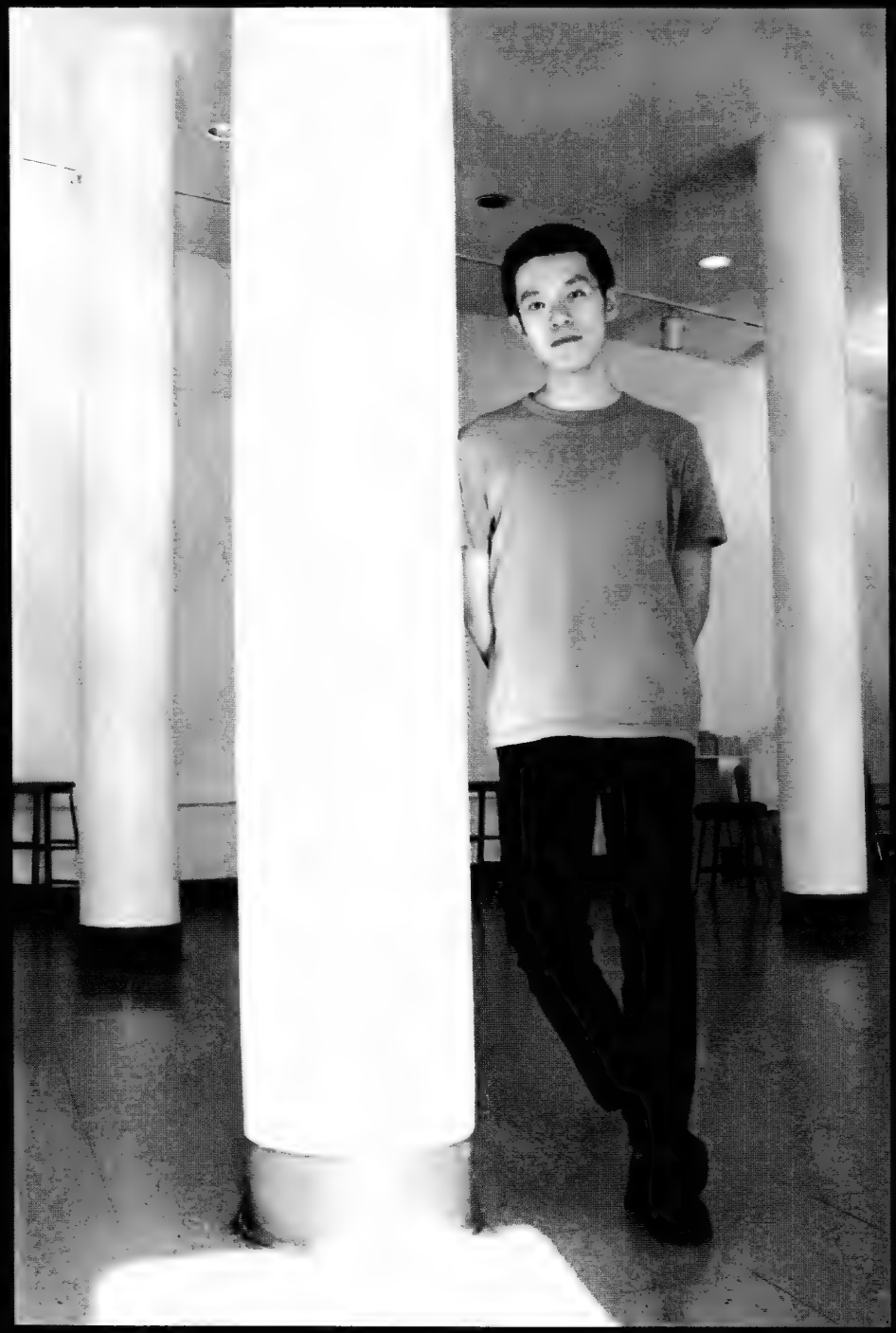
Jisoo Kim

Patrisa Pruthi

Vaughn Lewis

Zhenni Zhu

Cyrus Henry



Naitian Yang

Griffin Courtney • Claire Kleinman • Parker Burbridge

Faye Blue

Myung Hee Kwon

Jeehye Yim

Andres Sotelo

Eva Gabrielsen

Yelena Khajekian

Lea Simoniello • Isabella DeMatteo

Michelle Cho

Asante Mills

Matthew Hall Thompson

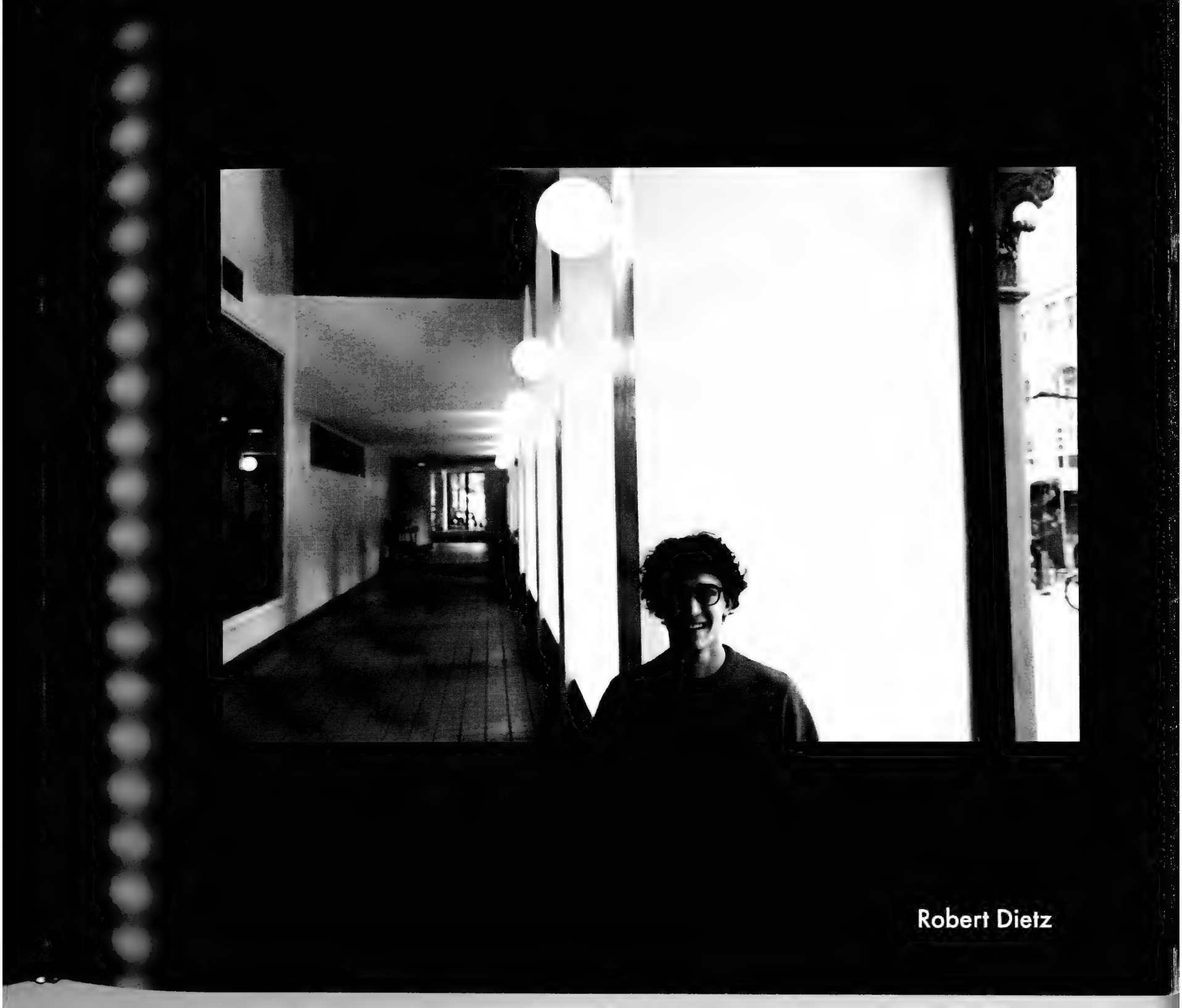
Juan Jose Garcia Ortiz

Casey Gallagher

Lilliana Hendrickx • Vinicius DeOliveira

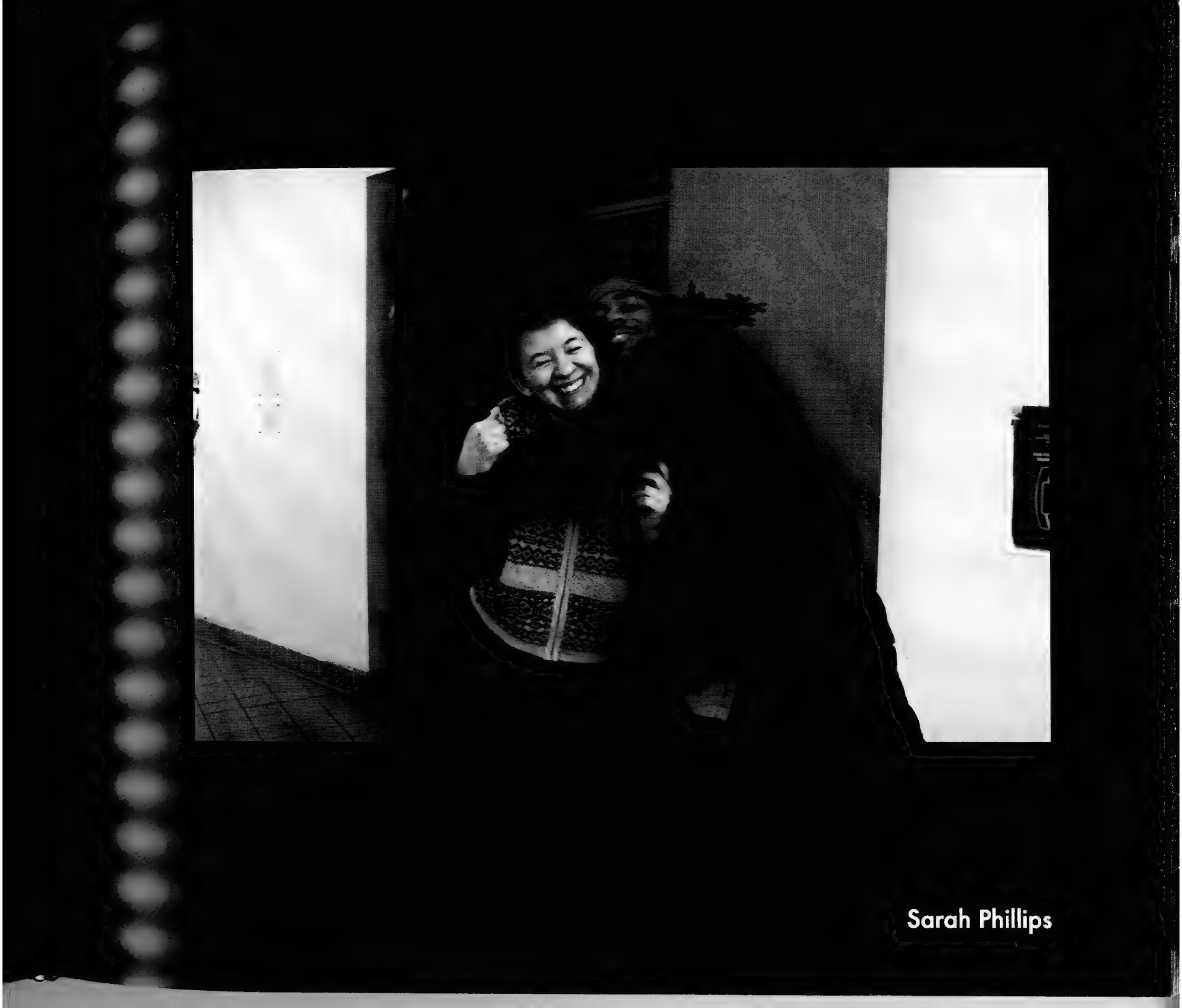
Omar Wiseman

Madison Bloch



Robert Dietz

Jhakai Deshong



Sarah Phillips

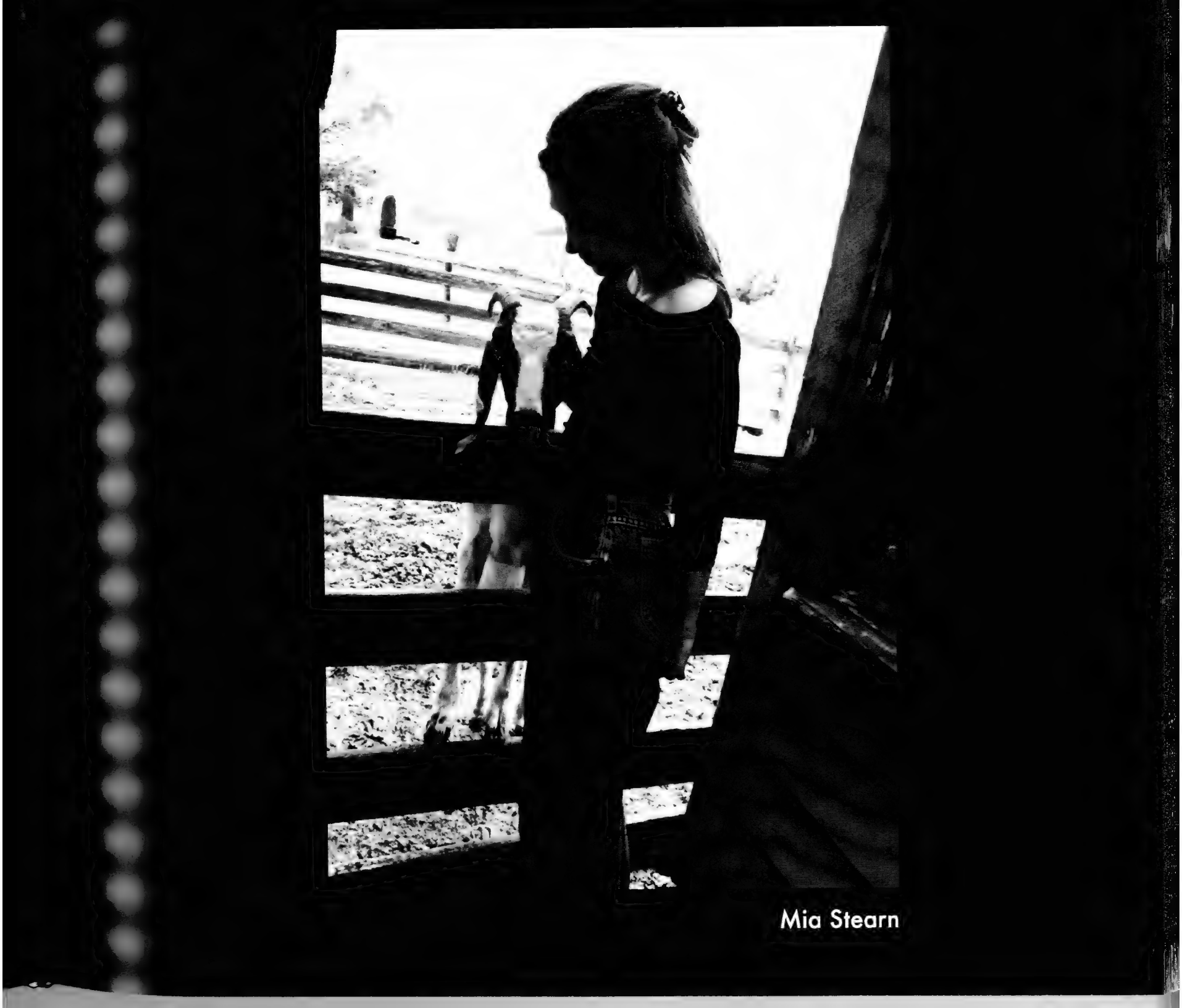
Mavis Figuls

Digby Emil Clark-Martinek

Azka Saifullah

Max Popov

Samantha Grenier • Jackson McGrath



Mia Stearn

Victor Franco

Raya Calliope Terran

Simon Cohen

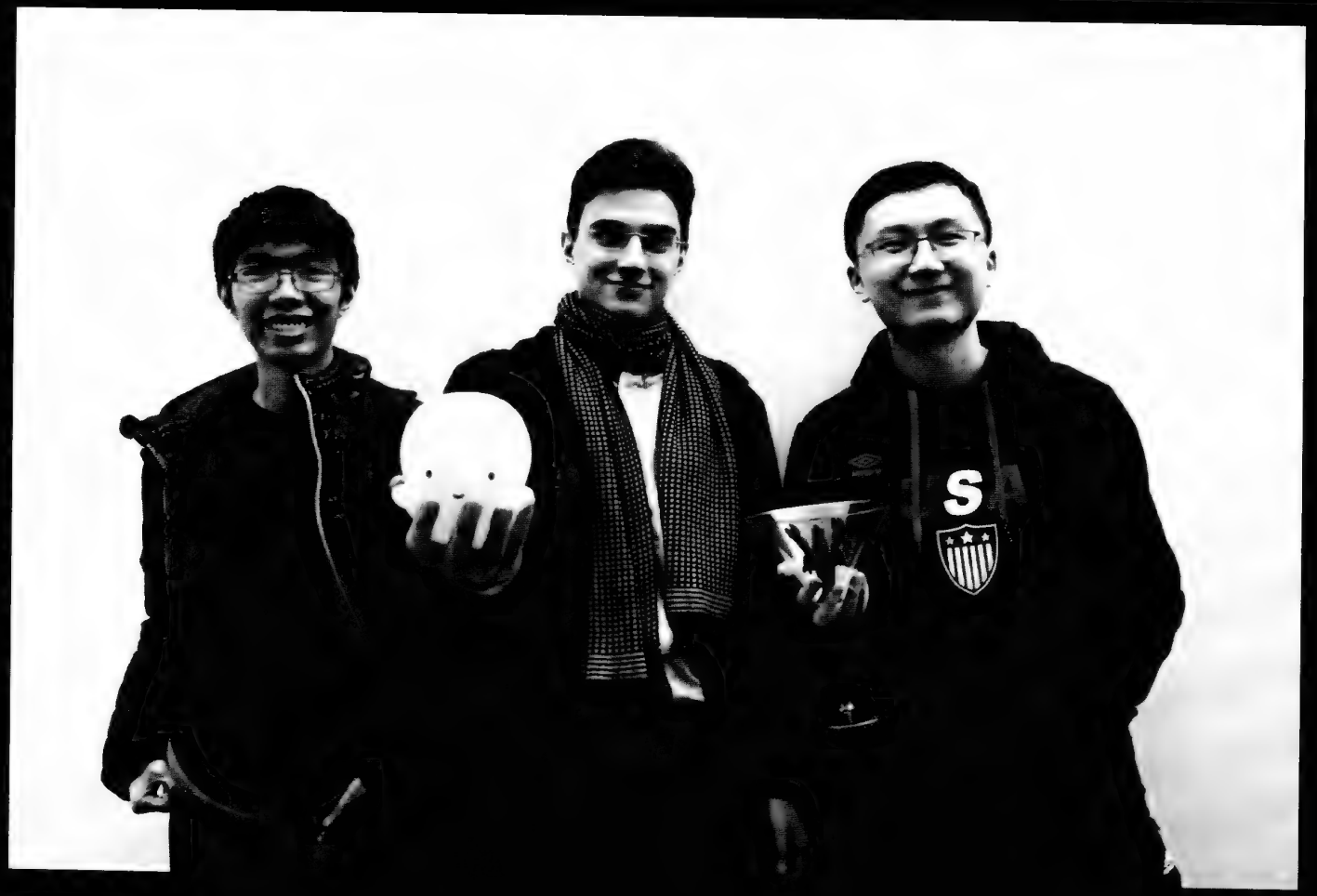
Paul Kang

Amanda Lombardo

Arvinth Sethuraman

Aris Tsiopoulos

Ben Sterling



Andrew Chin • Andrew Mosin • Oliver Zhang

Alinur Rahim

April Mintz

Camille Chow

Isabella Pestovski

Kavya Udupa

Gabriela Godlewski

Brandon Quinere

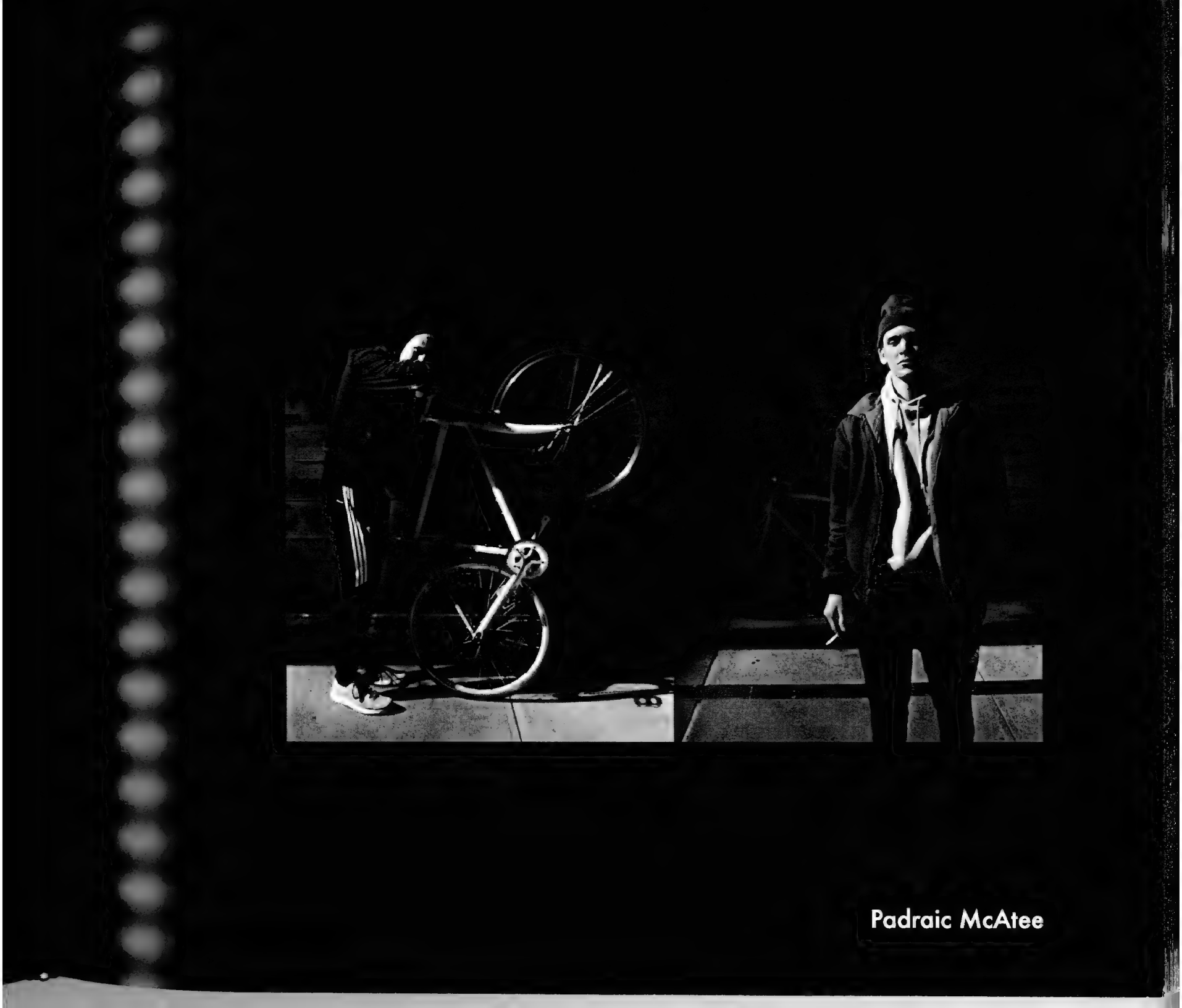
Fanny Ma

Hyeajin Kim

George Ho

Billy Dayan

Kyle Brady



Padraic McAtee

Boray Toktay

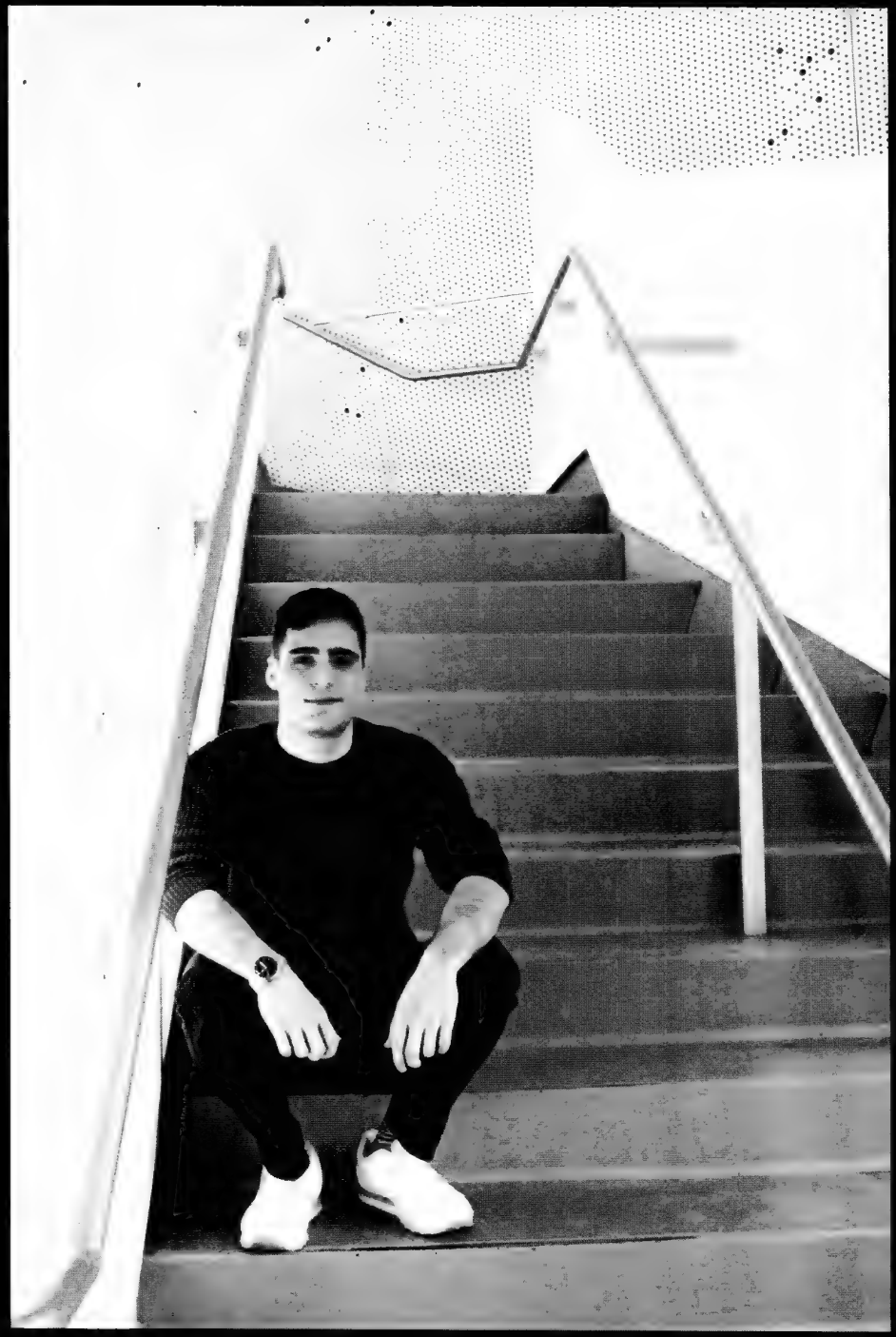
Misha Zaccaroni Luczkiw

Christopher Kim

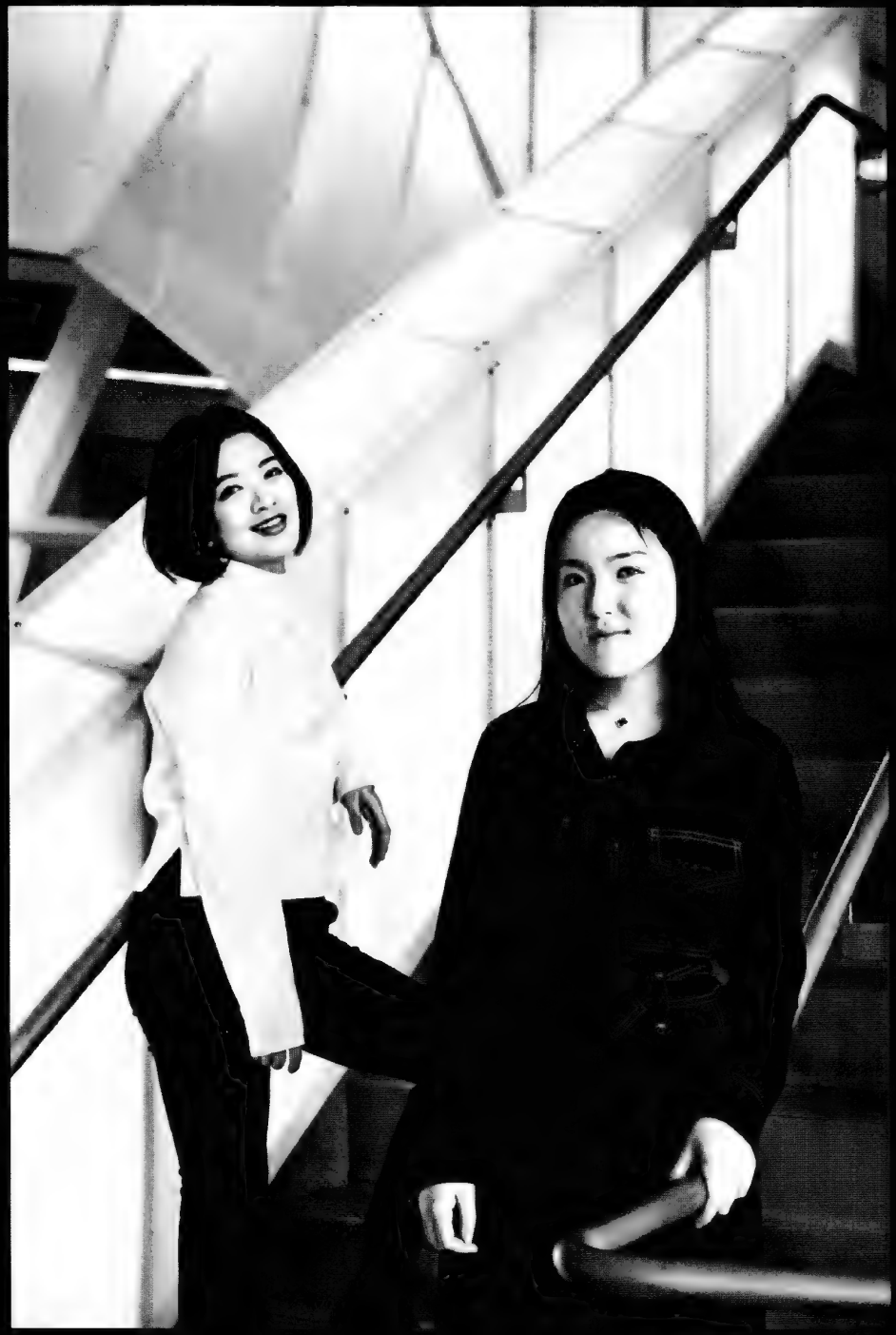
Isaac Alboucai

Cardy Wei

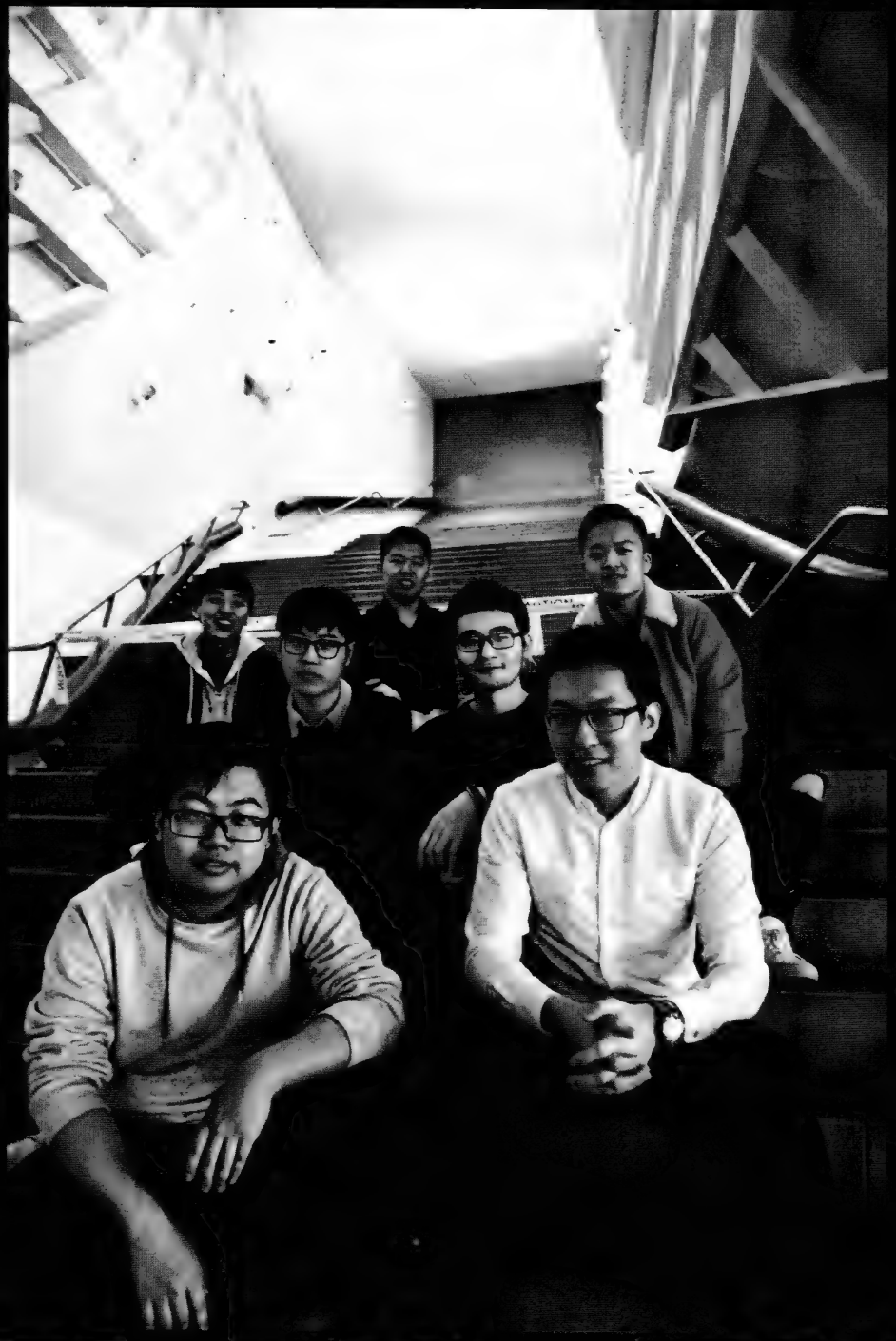
Varouzan Knouni



Stepan Knouni



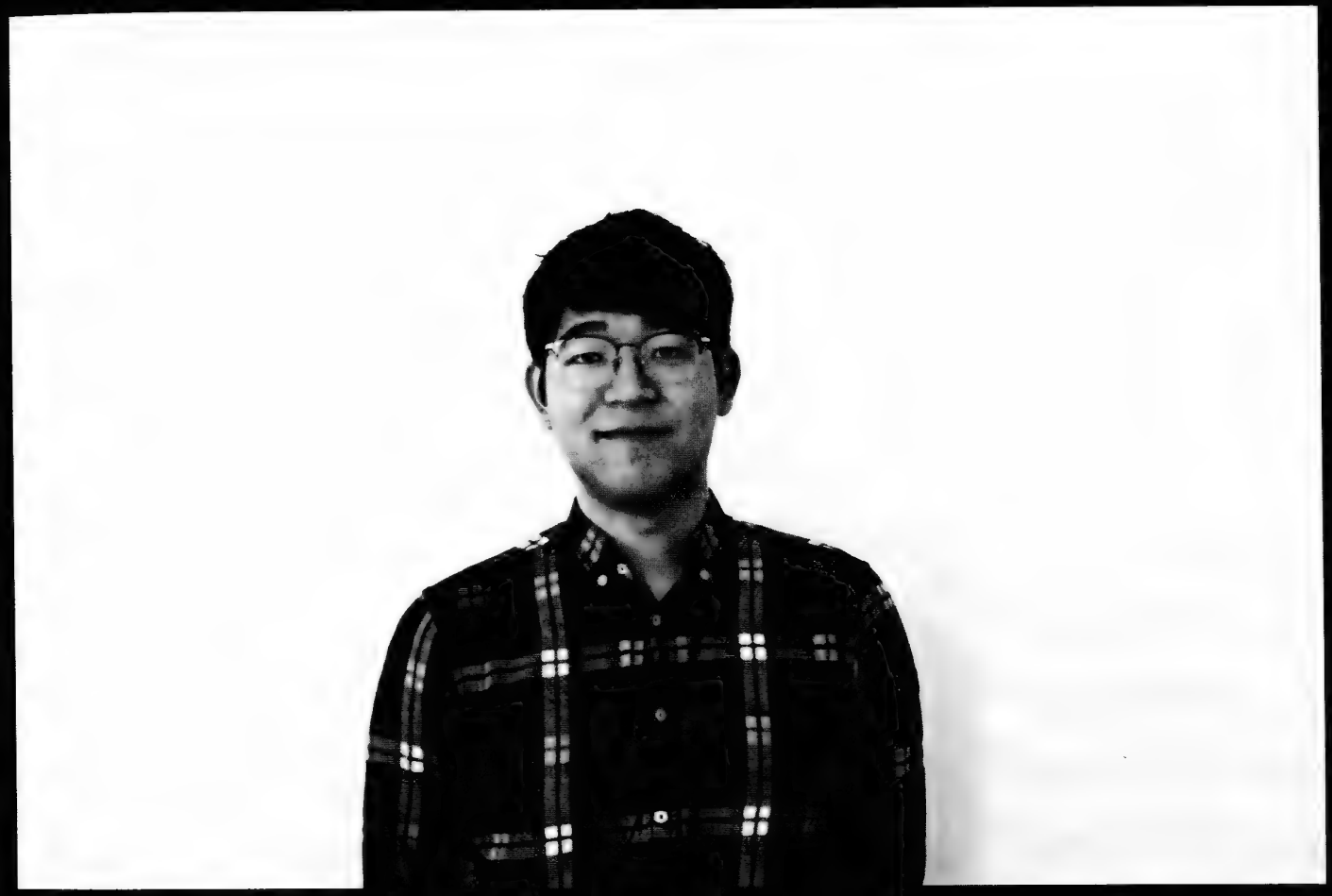
Chenhui Sage Gu • Mengxue Barbara Gao



Zhekai Scott Jin • Wentao Tony Zhang • Jiayu Jason Li • Jiaqi Kino Shen • Zhiyi Charlie Cheng
Yue Leo Wang • Yifei Simon Shao

Stephen Brett

Dongkyu Kim

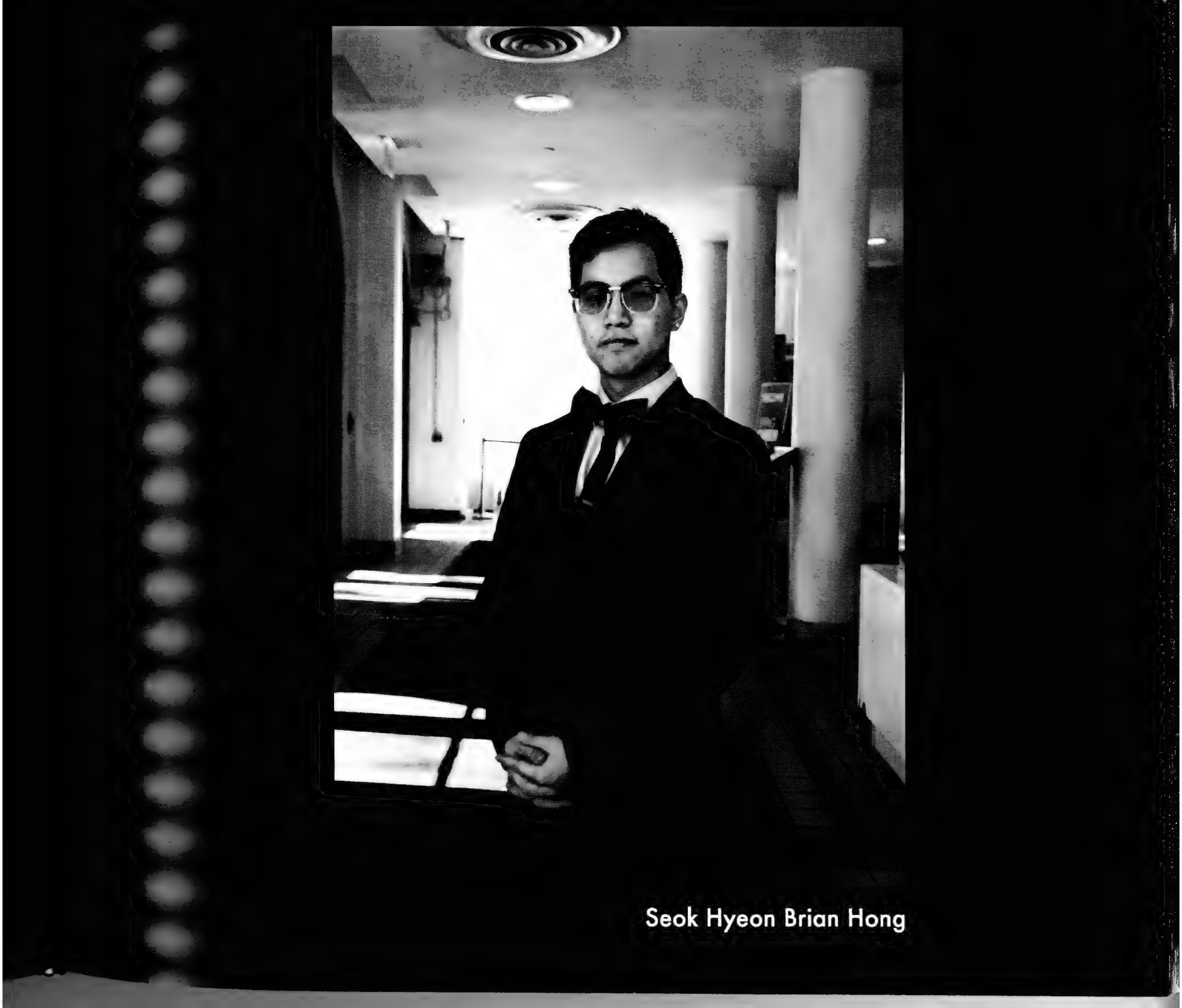


Junbum Kim

Jeremiah Pratt

Jacob Maarek

Ostap Voynarovski • Luka Lipovac



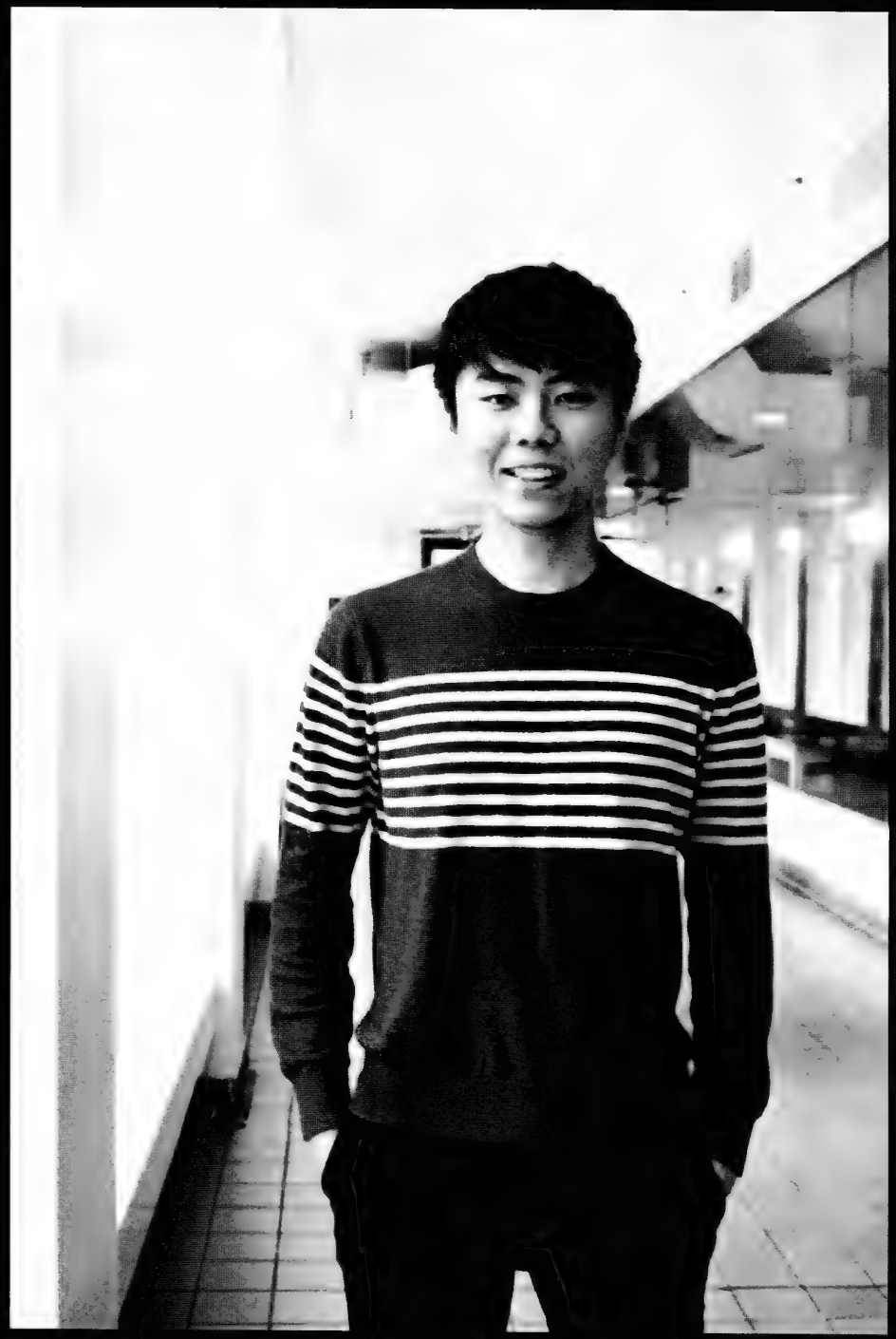
Seok Hyeon Brian Hong

Jai Himatsingka • Kevin Chen

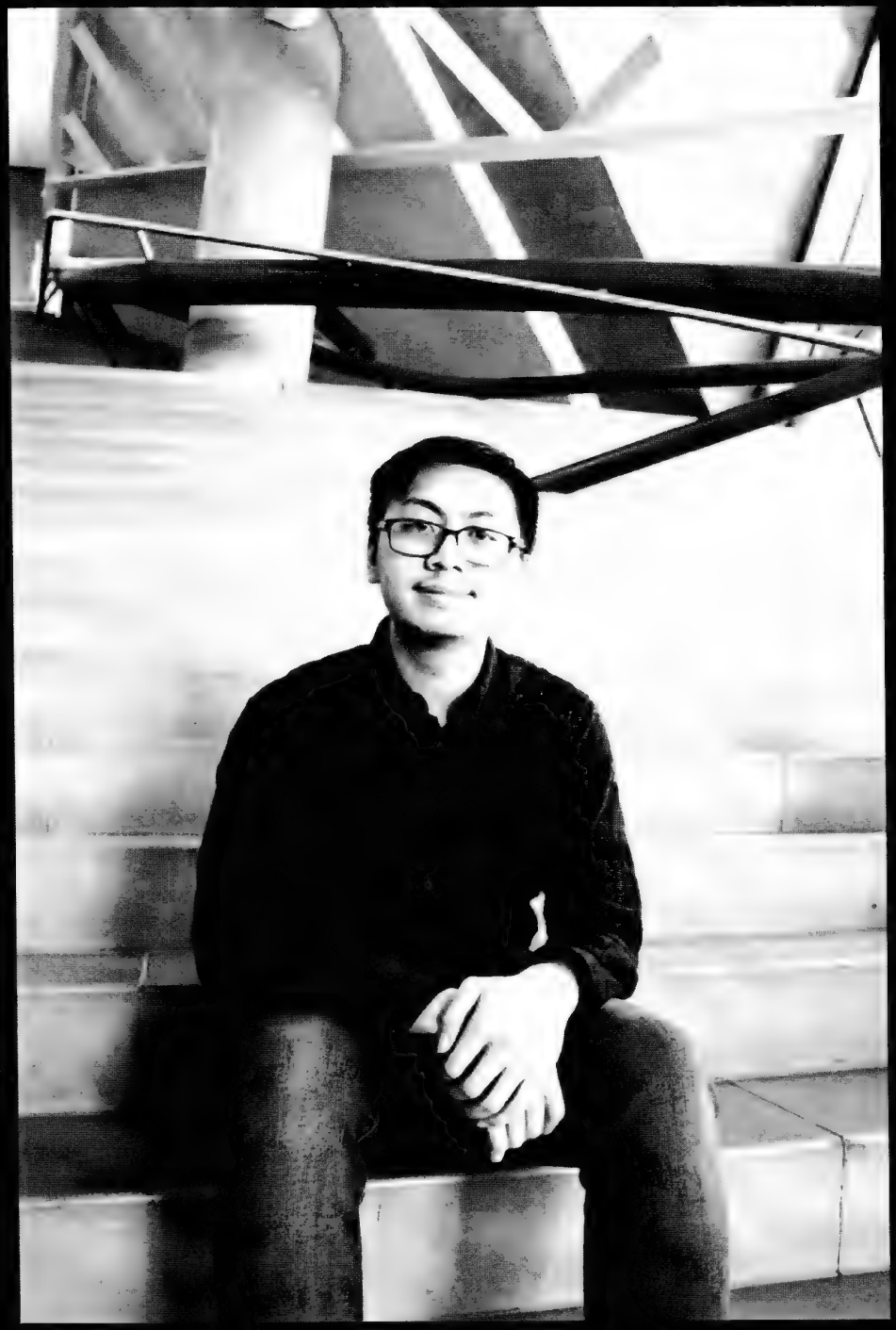
Jordan Klahr

Junxi Zhu

Mahir Alam



Justin Kim



Dave Chun

Yuqiao Wang

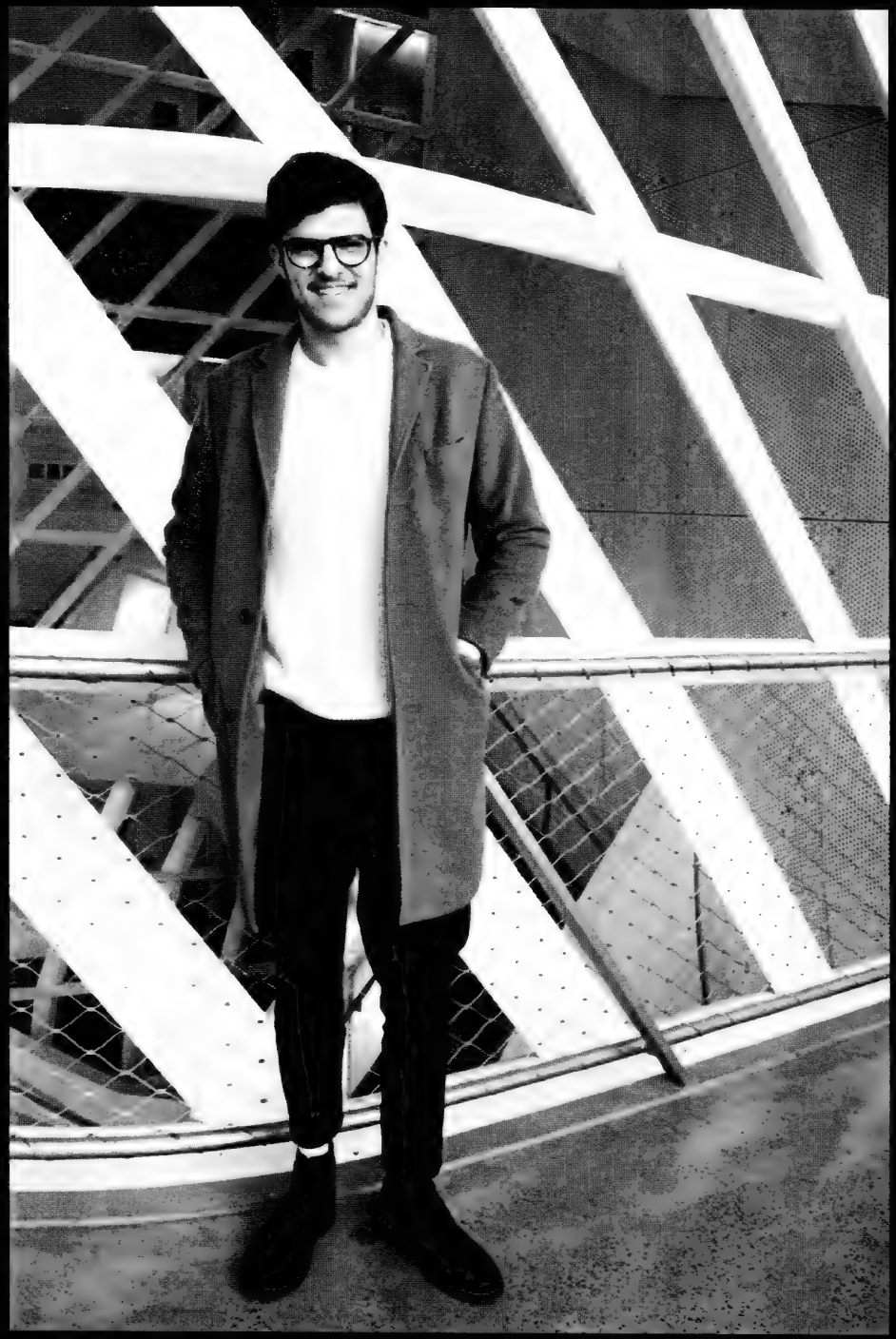
Matt Ferreira

Karol Wadolowski • Brian Frost • Nikola Pavle Janjušević

Patrick Lo • Jack Langner

Matthew Bartolomeo

Yilang Hao



Franco Goldin

Yuqian Wang • Jieyi Na

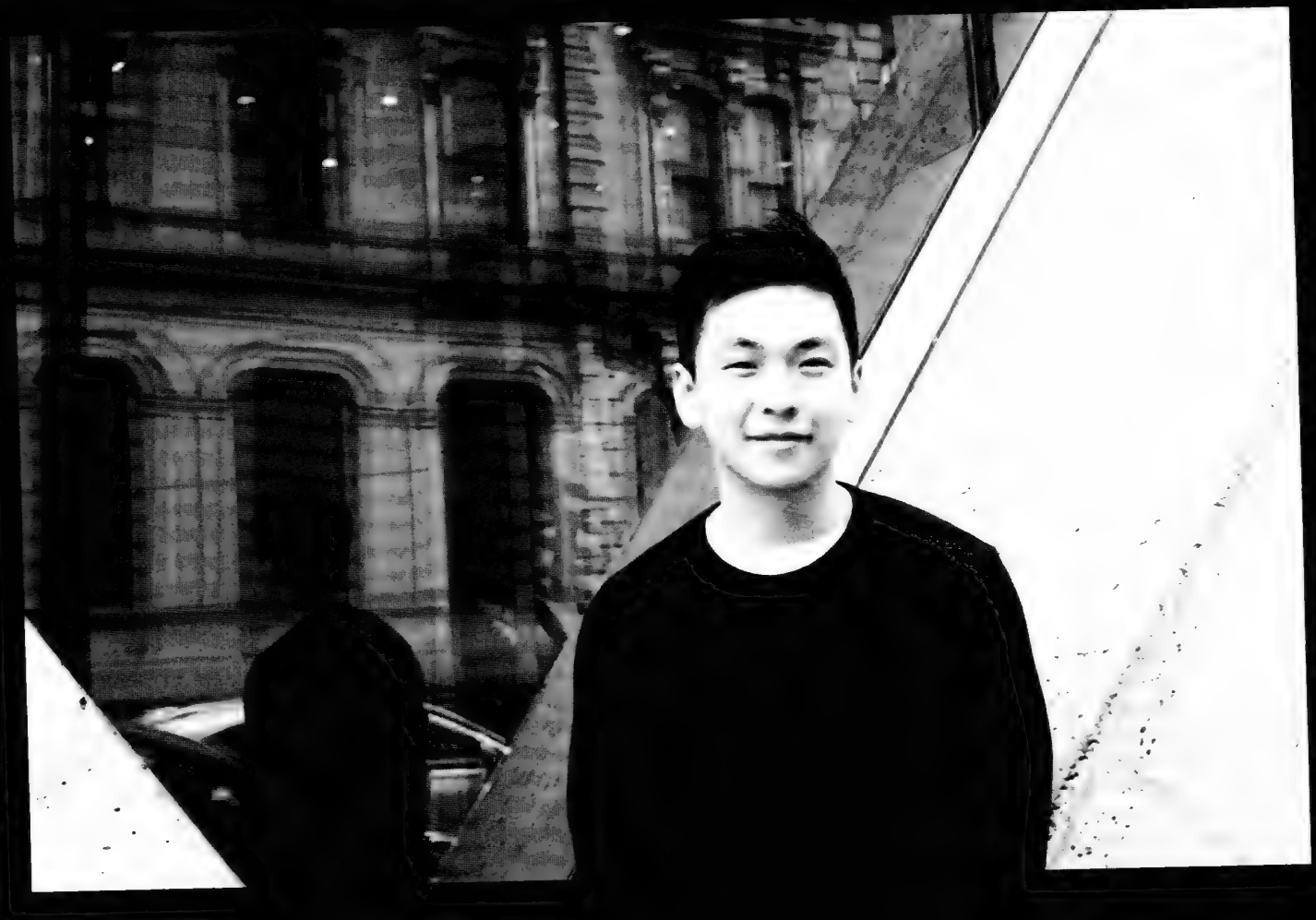
Matthew Grattan

Wai Yan Nyein

Sara Huang

Keti Vaso

Jobin Matthew



James Xu

Shailesh Patro

Tanay Trivedi

Daniel Nakhimovich

Kirsten Ondris

Todd Ketchum

Morgan Wolfe

Joseph Bentivegna

William Yang

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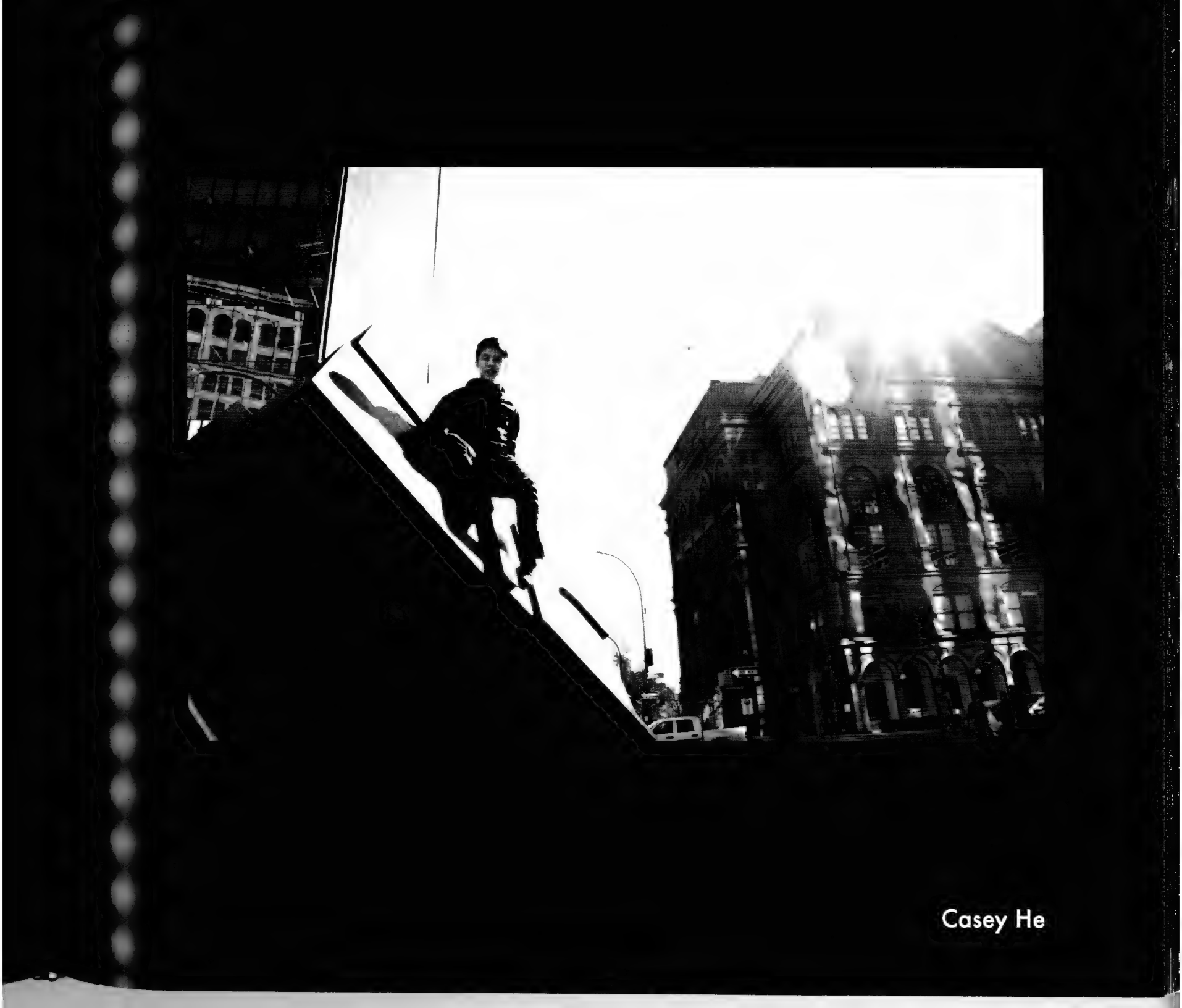
Ian Lee

Mary Dwyer

Skylar Eiskowitz

Rachel Klar • Vasiliki Lymperopoulou



Casey He

Architecture

Name	
Mira	Almazrooei
Julia	Dipietro
Stav	Eilam
Mireya	Fabregas
Nacho	Figallo
Cyrus	Henry
Jisoo	Kim
Vaughn	Lewis
Parker	Limon
Yuki	Nakayama
Natalia	Oliveri
Patrisa	Pruthi
Kevin	Savillon
Naitian	Yang
Zhenni	Zhu

Art

Aden	Bailey
Madison	Bloch
Faye	Blue
Parker	Burbridge
Michelle	Cho
Digby	Clark-Martinek
Margaret	Coppersmith
Griffin	Courtney
Vinicius	DeOliveira
Isabella	DeMatteo
Jhakai	Deshong
Robert	Dietz
Mavis	Figuls
Leo	Flores
Victor	Franco
Eva	Gabrielsen
Casey	Gallagher
Juan Jose	Garcia Ortiz
Samantha	Grenier
Liliana	Hendrickx
Brian	Huang
Yonatan	Katzelnik
Jasper	Kerbs
Yelena	Khajekian
Claire	Kleinman

Myung	Hee Kwon
Jackson	McGrath
Asante	Mills
Soryn	Mouton
Sarah	Phillips
Max	Popov
Azka	Saifullah
Maria	Scrudato
Lea	Simoniello
Andres	Sotelo
Mia	Agnes Stearn
Caroline	Sultzer
Raya	C. Terran
Matthew	Thompson
Sobel	Uribe
Olivia	Van Kuiken
Grace	Volinsky
Mary	Wichmann
Omar	Wiseman
Lauren	Woods
Jeehye	Yim

Chemical Engineering

Mahir	Alam
Kanghyun	Aum
Christina	Byers
Albert	Chang
Kevin	Chen
Dave	Chun
Austin	Ginos
Mickey	Huang
Todd	Ketchum
Rachel	Klar
Vasiliki	Lymperopoulou
Iram	Rahman
Keti	Vaso
Yuqiao	Wang
Wentao	Zhang
Junxi	Zhu

James N. Bantis
Mengxue Gao
Gabriela B.W. Godlewski
Franco Goldin
Chenhui Gu
Mohammed Hossain
Afshin Khan
Hyeajin Kim
Ian Lee
Jiayu Li
Richard J. Ma
Fanny Ma
Jobin Mathew
April Mintz
Kirsten Ondris
Jong Y. Park
Brian Phang
Brandon Quinere
Boray Toktay
James Xu
William Yang

Civil Engineering

Electrical Engineering

Ehit	Agarwal
Isaac	Alboucai
Joseph	Bentivegna
Stephen	Brett
Samuel	Cheng
Camille	Chow
Christopher	E
Matthew	Ferreira
Brian	Frost
Richard	Jun Fu
Yilang	H a o
Casey	He
Seok Hyeon	Brian Hong
Alexander	Yichuan Hu
Wendy	Shu-Fen Ide
Nikola	Pavle Janjušević
Zhekai	Jin
Justin	Jose
Christopher	Kim
Dongkyu	Kim
Junbum	Kim
Toyou	Kim
Varouzan	Knouni
Jack	Spencer Langner
Gavin	Y. Lee

David	Eliezar Levi
Luka	Lipovac
Patrick	Lo
Misha	Zaccaroni Luczkiw
Jieyi	Na
Daniel	Nakhimovich
Jeremiah	Pratt
Benjamin	Sterling
Qishi	Tang
John	Tronolone
Ostap	Voynarovskiy
Karol	Wadolowski
Yuqian	Wang
Arthur	C. Watkins
Cardy	Wei

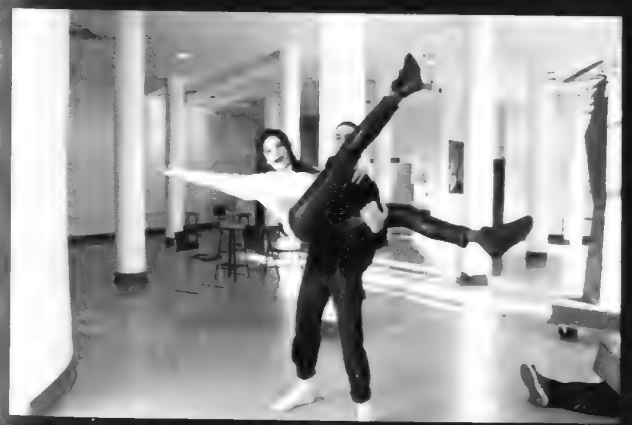
Mechanical Engineering

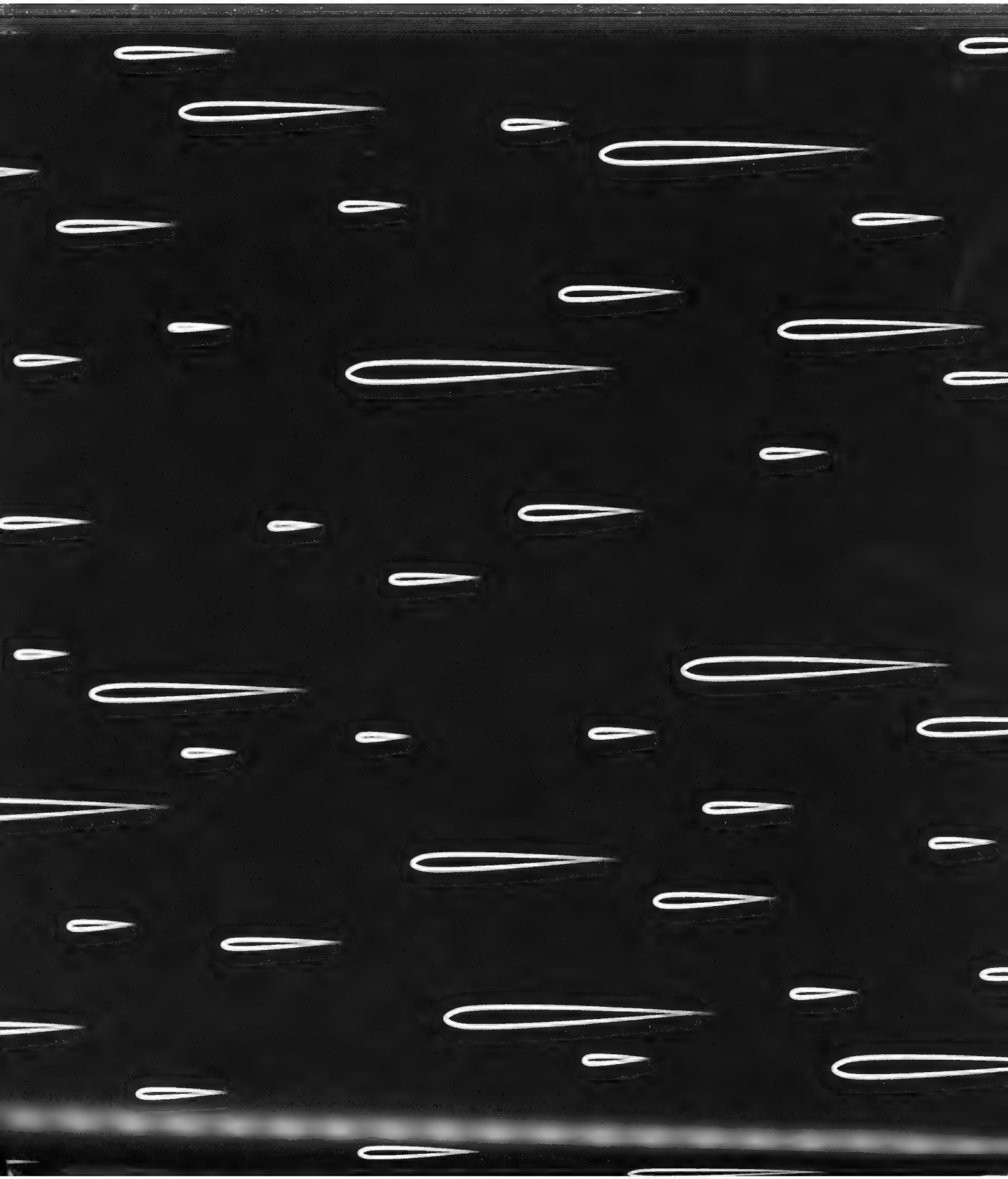
Matthew	V. Bartolomeo
Kyle	Brady
Zhiyi	Cheng
Andrew	James Chin
Simon	Charles Cohen
Michael	Colella
Billy	Dayan
Mary	Morgan Dwyer
Skylar	Eiskowitz
Jai	Himatsingka
Chengyin	Jiang
Paul	Kang
Dongho	Kim
Justin	Kim
Jordan	Klahr
Stepan	Knouni
Amanda	Lombardo
Jacob	Maarek
Padraic	A. McAtee
Andrew	Mosin
Wai	Yan Nyein
Shailesh	Patro
Isabella	Pestovski
Alinur	Rahim
Yifei	Shao

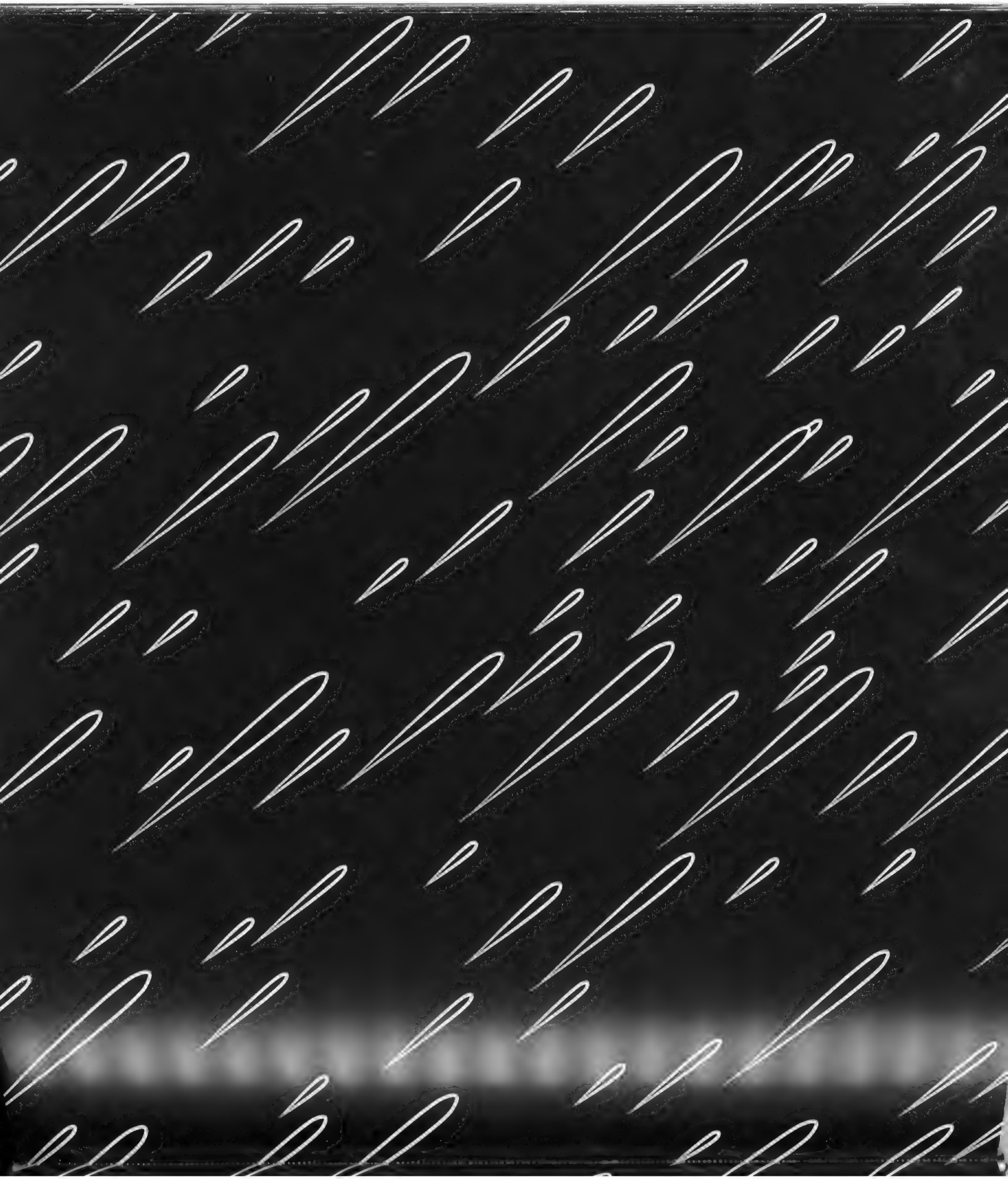
Jiaqi Shen
Min Joon So
Aristeidis Tsiopoulos
Zachary Tzavelis
Yue Wang
Kavya Udupa
Morgan Wolfe
Oliver Zhang

Engineering Science

Jonathan Richard Alexander Bair
Matthew Grattan
Ihsan Yilmaz Gunay
George Ho
Sara Huang
Diyi Liu
Rafi Mueen
Arvinth Sethuraman
Tanay Trivedi
Dongwei Zheng







There was a lawsuit.

And let's keep in mind that this lawsuit was settled.

It was not won nor lost.

In other words, the terms of the settlement were negotiated. And the negotiated terms facilitated the emergence of familiar and unfamiliar, expected and unexpected statements, stances, images.

The financial shenanigans of previous administrations resulted in a demand by the plaintiffs in the lawsuit for more transparency with regards to how the university's board and administrators manage the university's finances. But the resulting call for, and subsequent appointment of a financial monitor with vested interest in a particular definition of financial health or lack thereof, inadvertently led to the materialization of a bewitching fetish, the Composite Financial Index or CFI. The Board's hypnotic capitulation to this

fetish knotted anew
the already tangled field. And
anyone calling for the untangling of
the existing field as the pre-condition
for the knitting of a new fabric was
immediately rebuffed as a cynic apostate.

Recently, the university's new board and administrators committed themselves to "free" by 2029 in a document the university titled the "Recommended Plan to Return to Full-Tuition Scholarships." This document presented the "Road to free" via several quantitative, graphic, and semantic markers: These included 76%; $250M; +4.0; CFI, Bullpen, among others. This "road to free" was in fact a "road to black," a target of on-hand cash surplus that the university claimed will protect it against future financial turmoil while ensuring its ability to honor its financial liabilities. Little do we know that the "road to black" may soon turn out to be a road to "black and blue", a bruising of the historical mission, more birthmark than blemish.

Beyond and through
the mists of Smoke and Mirrors
Valley, there emerged, a steep hill to
climb, or was it a deep hole to dig out of?
Escaping a volcano or going through the
mountain, hoping it doesn't cave in?

The road to quote unquote free, black and blue, blemish, had a smattering of carefully precariously planned twists, turns, and pit stops along the way. The biggest pit of Cherry Fig Integral, the ominous Fund 'o Rainy Day, looming over us from in the shadows. Those who found themselves in the thickest of the mist, proclaimed and asked, is the Rainy Day not now?

Words, words, words, followed by blur, blur, blur...

Cut To: 90 years ago.

YES THAT CHRYSLER BUILDING!

September 19, 1928: William Van Alen and Craig Severance are competing to build the tallest building in the city. Day by day each outgrows the other, but, little does Severance know, within the elevator shaft Van Alen has secretly been building the spire.

October 23, 1929: So following that final day of believed vertical victory, Severance wakes up the next morning, to a spire-topped Chrysler Building, now crowned the tallest in the city.

October 24, 1929: The stock market crashes.

How did we get here? Something about maximum heights and immediate crashes...

THE ONE THAT SUPPORTS ALMOST 3/4 OF OUR SCHOOL.

AND WHO'S LAND WE OWN.

In
the fifth year of
Overcast Day, on the 10 year
anniversary of the New Building
building, the Fund ‘o Rainy Day actualized
and inverted in on itself. Due to the bumbling
nepotism of a one night fleeting squall, the skies
of 12,000 gallons of water opened up
and rained down onto, into, and throughout
our new old new building.
But we did not know then about the 12,000 gallons, or
anything really, we had seen the videos and heard the
whispers, but as usual we were kept in the dark, oftentimes
unaware—or not wanting to be aware—of how we were being
kept in it. But the dark doesn't always feel like the dark
when you started in it.
Before the real flood there was the pre-flood—some say the
real flood came through the small penny pinching heatless
nights and weekends—unaware or maybe uncaring of
that life which inhabits our buildings, outside of the 9-5
workday; but maybe the mist had just started to get
to some of us—because in a hollow building of
only metal and glass, when the heat leaves,
the heat is gone.
And so came the second flood.

Hopefully Friday

we'll
be open
Closed Friday, hopefully
Monday we'll be up and running
Closed Monday.
Hoping to reopen Tuesday.
Closed Tuesday. Hopefully Wednesday.
Closed Wednesday. Hopefully Thursday.
Closed Thursday. Hopefully...
Closed Friday...

Then, after a week and two weekends, we were told the building would reopen Monday at 7am. And finally we were granted the tale of squall and internal waterfalls. People began to emerge out of their clouds of anxiety, concern, and confusion.

But the building we returned to was now one with bruises and scars. And the air no longer felt right.

T h e

sites of

d r y w a l l - t u r n e d - t o - m u s h

torn down and re-put up as facededly-quickly as possible. The vitals were grafted, and that which could legally remain for the time being, did.

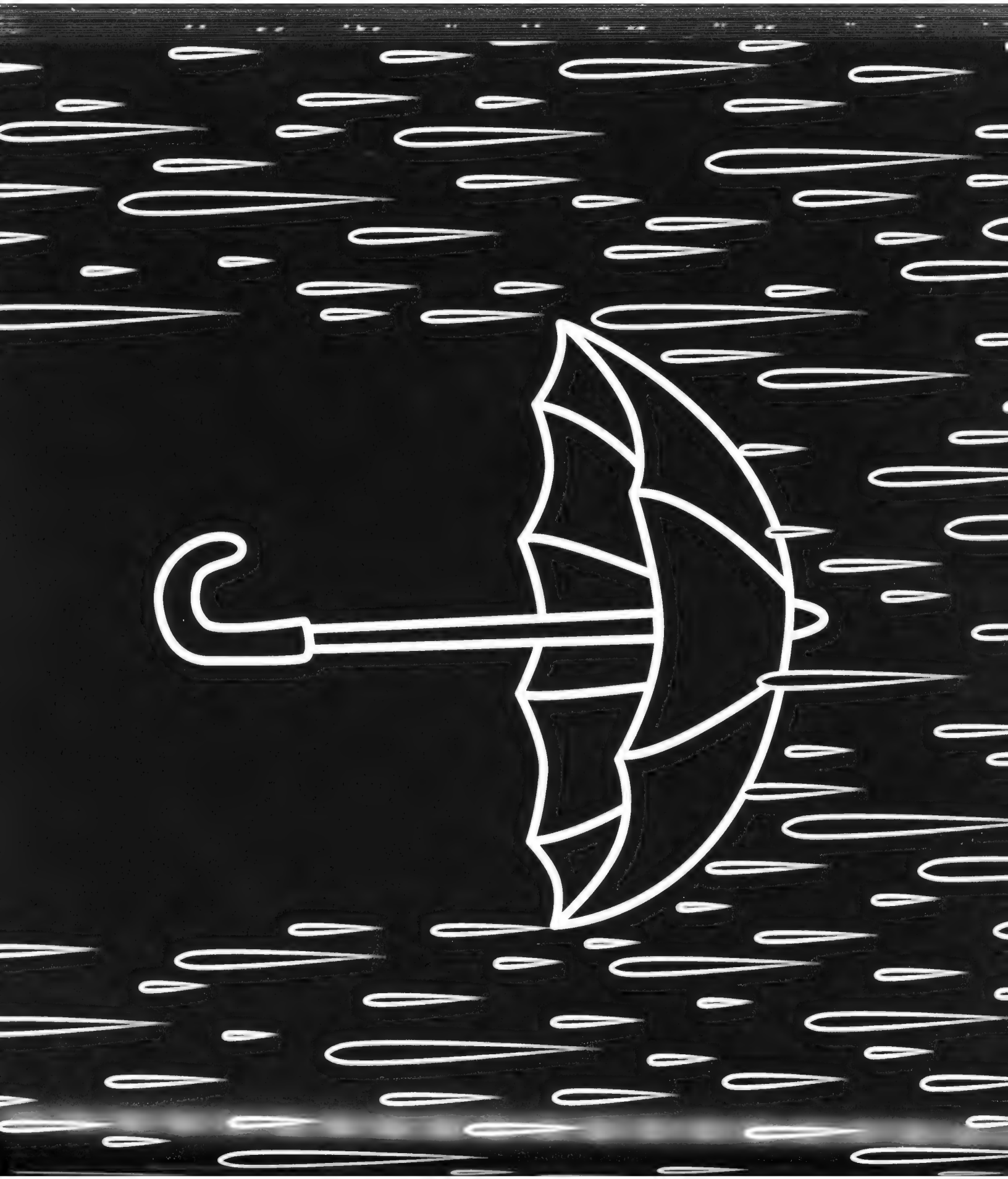
The peeling paint skin which dripped and hung off, the yellow bruising of the plaster cage skeleton joints, the purple soaking through walls, the collections of dotted grey mystery fuzz, empty walls, exposed insulation, missing computers, washed away ink notes, warped papers, the stains of the underbelly, and the closing off of the grand staircase.

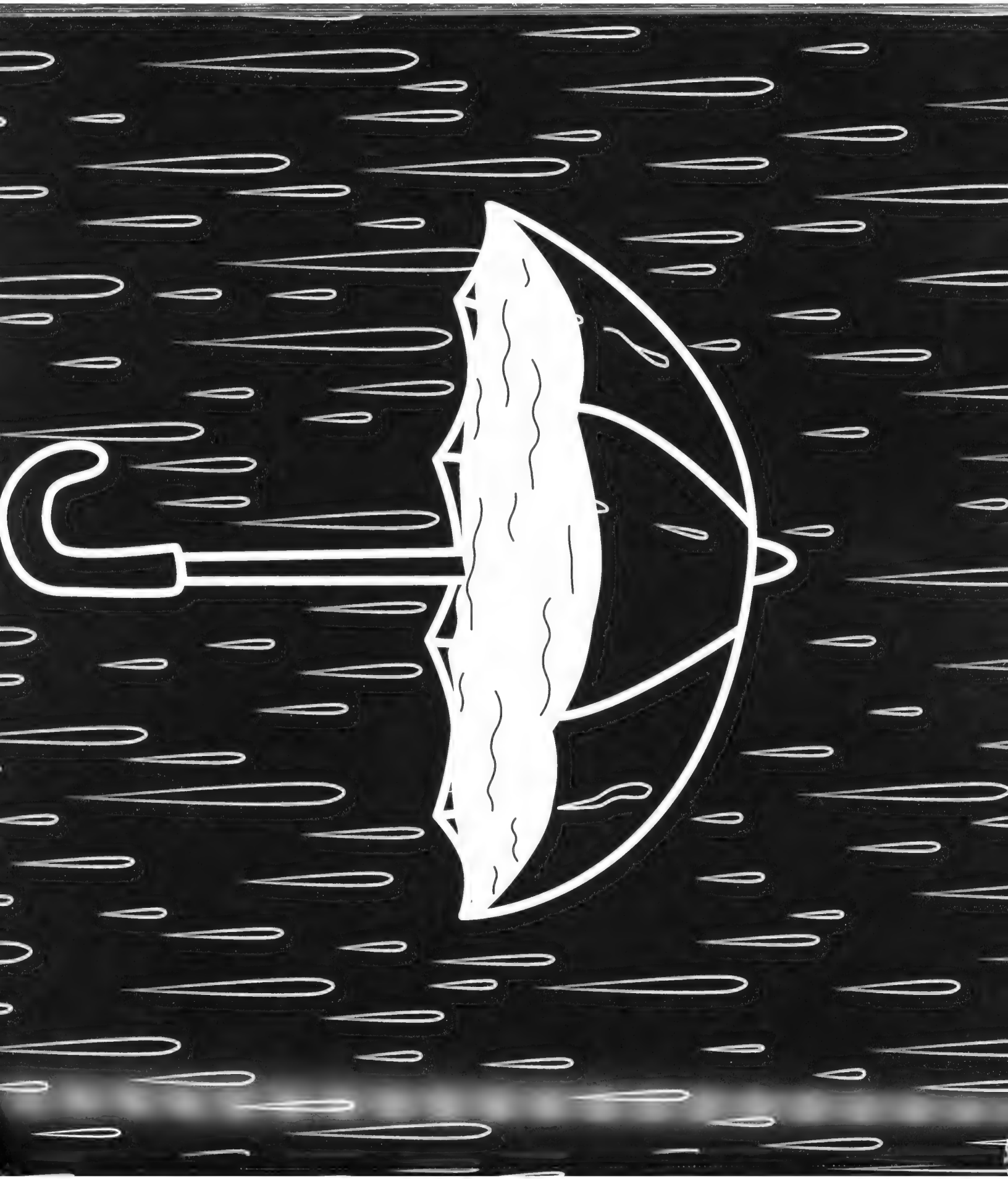
But we returned to class & to life as usual.

We've heard more whispers that the construction is "5 months out," and we've heard that the structural integrity of the cage is compromised which would mean months of scaffolding.

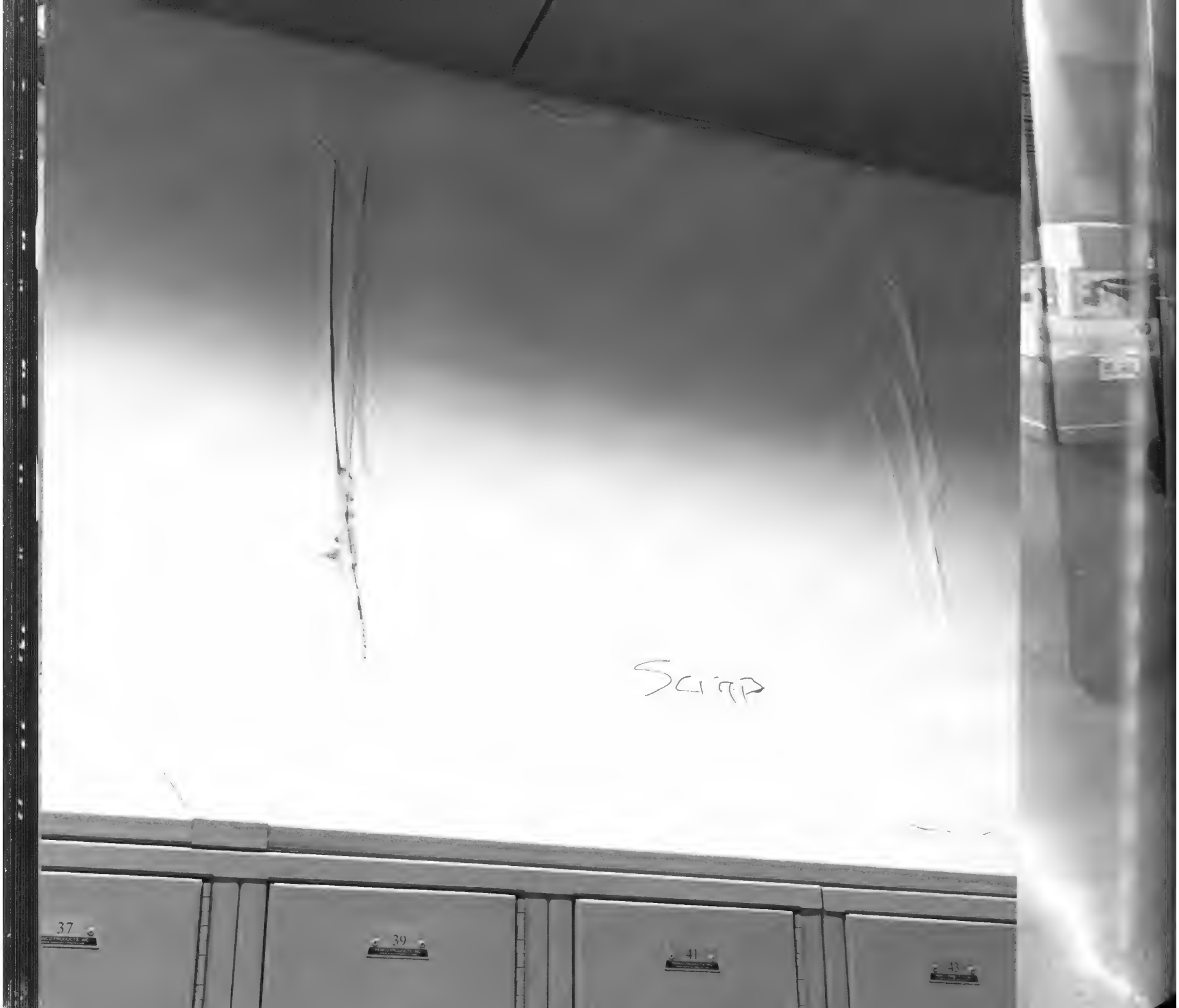
If this rainy day sets back the 10 year plan three-quarters centered around a rainy day fund, under a specific definition of financial "health," with a caveat of free,

one
might
ask,
was
it
ever
really
a
plan
to
free?





CAUTION
CUIDADO
WET FLOOR
PISO MOJADO
CAUTION
CAUTION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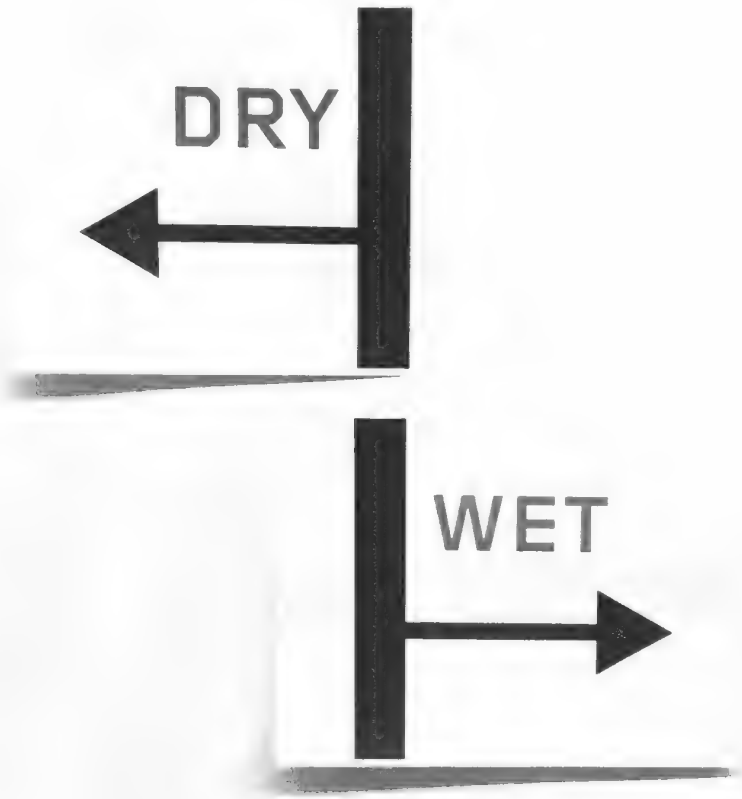
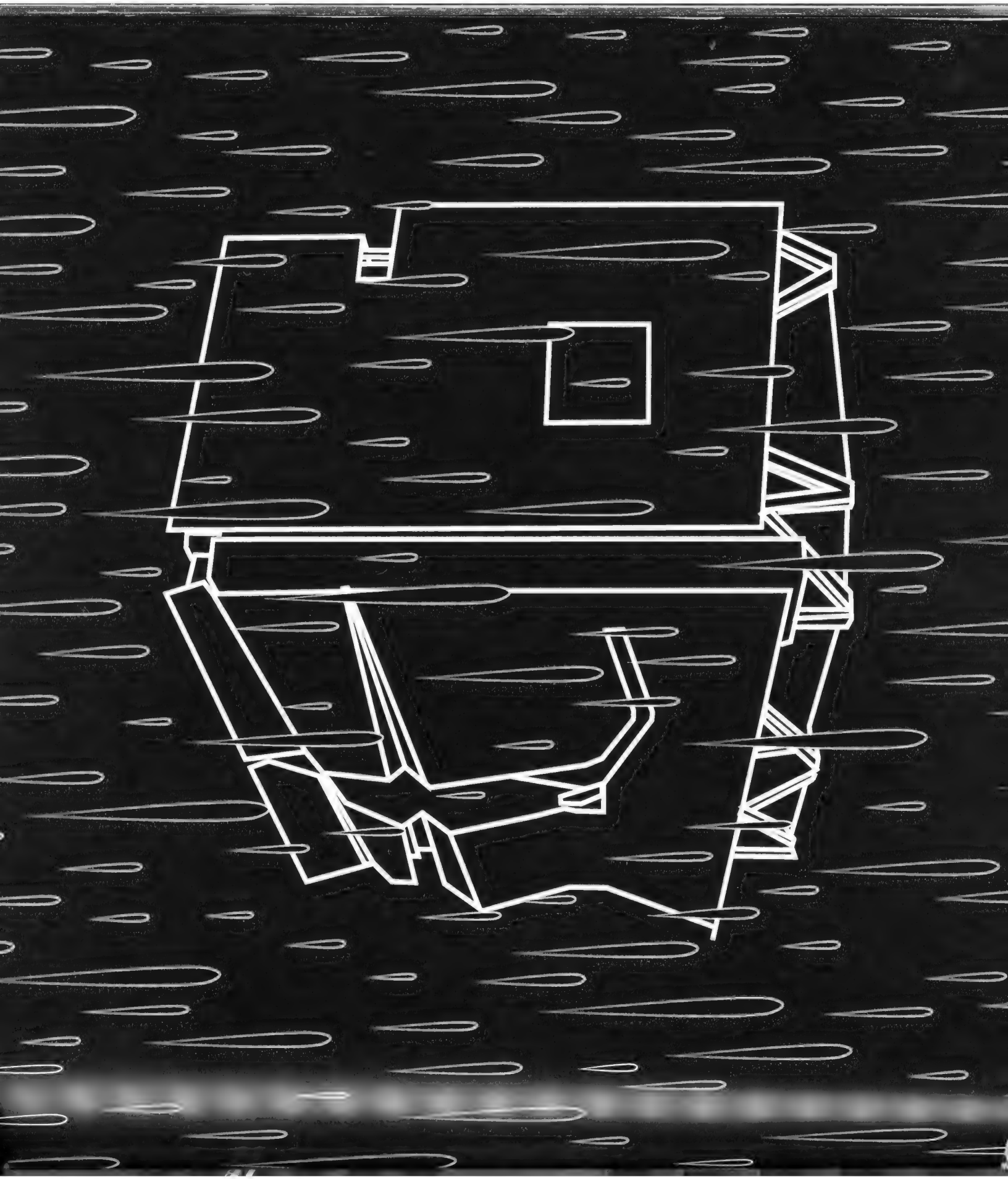
SCRAP

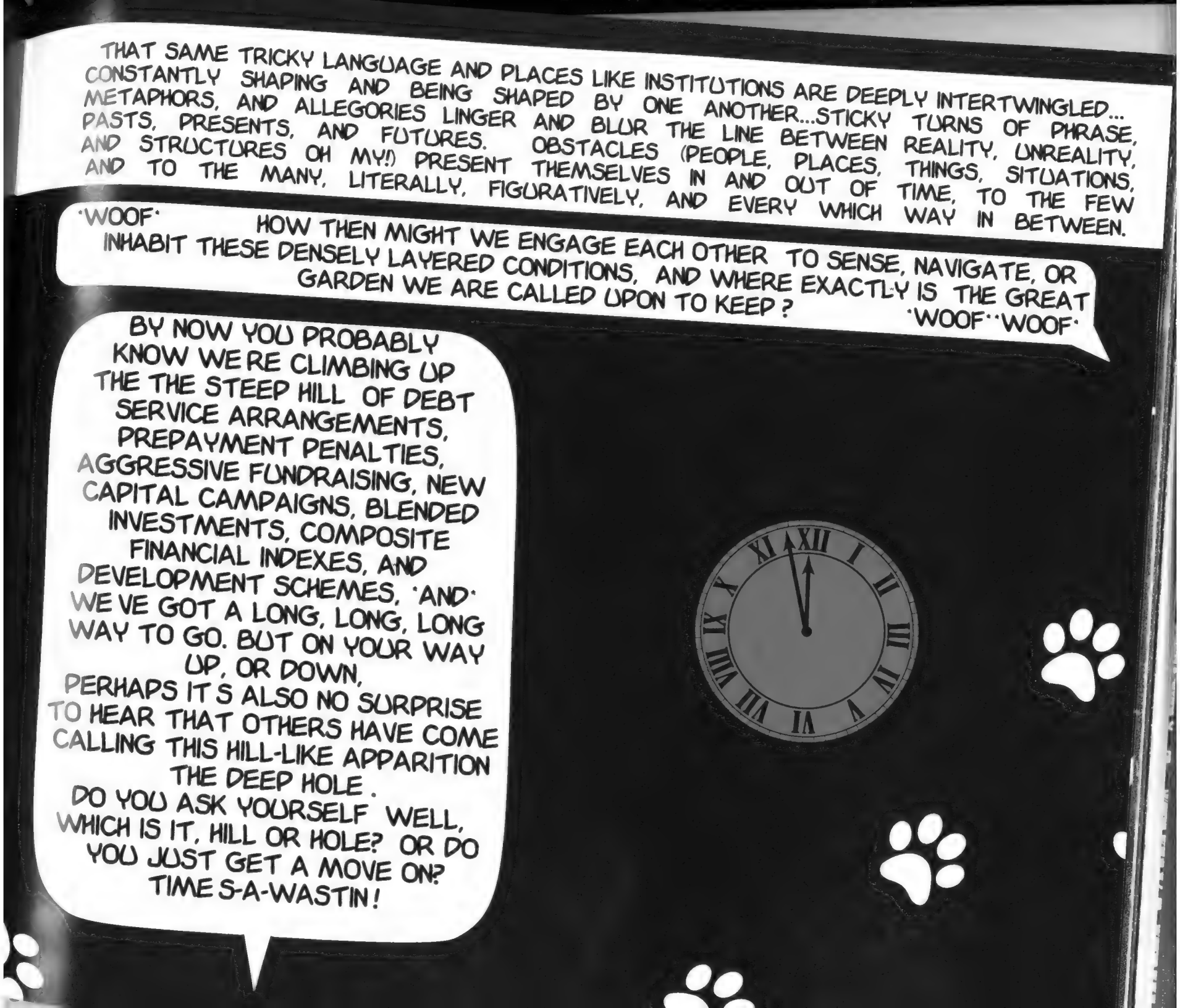

DRY
WET

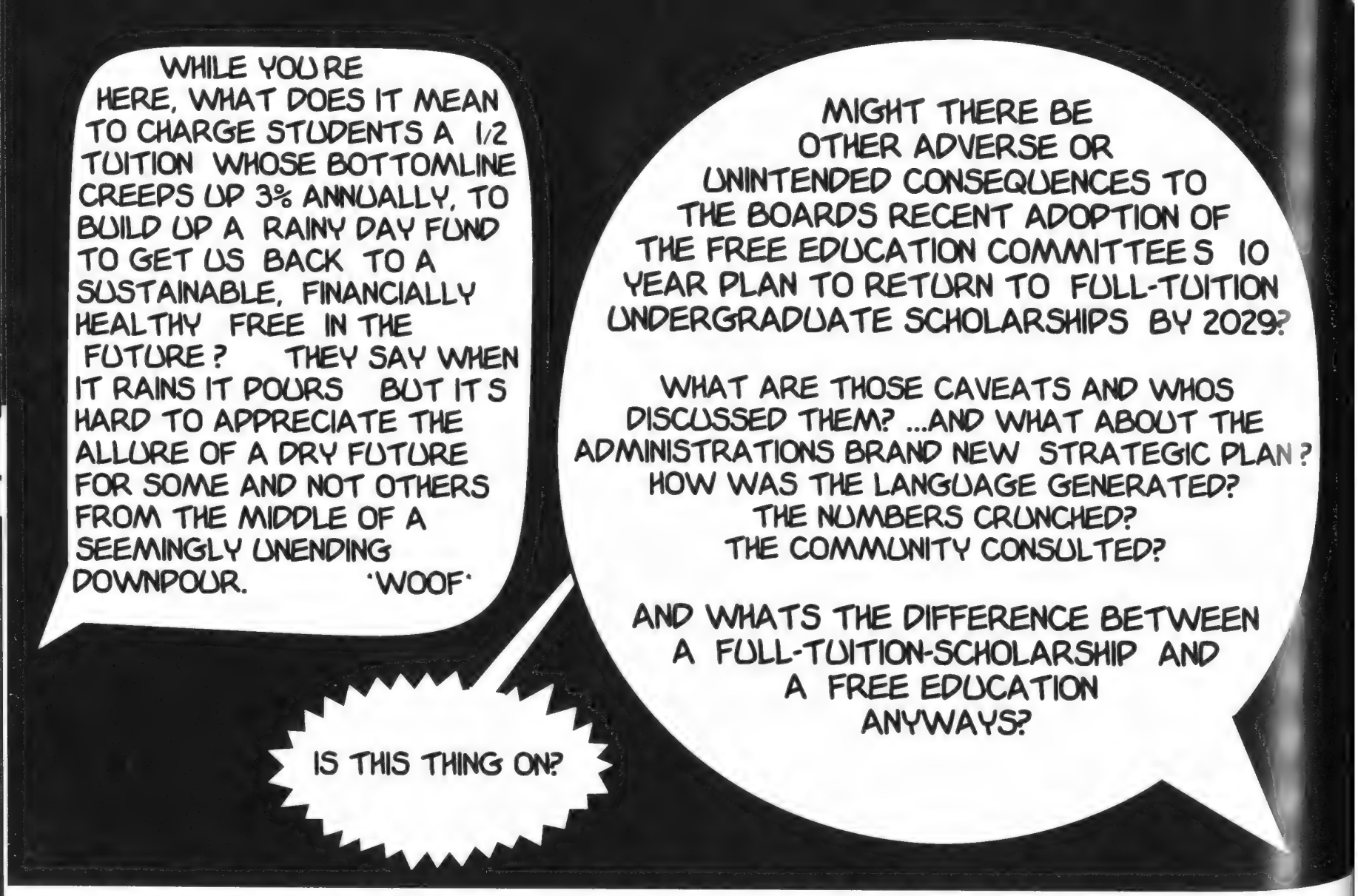
DENIED

CAUTION
CAUTION
CAUTION



LIFE IS LIKE A DOG AGILITY COURSE...
START! JUMP! CRAWL! WEAVE! PAUSE! JUMP AGAIN! DART! 'WOOF' DASH! PAUSE AGAIN! JUMP! TWIST! END! TURN! START AGAIN! END AGAIN! START AGAIN, AND AGAIN, AND AGAIN...
'WOOF' HOW IN THE WORLD DID A ONCE ROBUSTLY ENDOWED COLLEGE FOUNDED TO BE AS FREE AS AIR AND WATER 'FOREVER' COME TO TAKE ON SO MUCH DEBT THAT IT WOULD ABOUT-FACE AND BEGIN CHARGING TUITION?
HOW THEN, WOULD THAT VERY SAME TUITION BE RE-CHARACTERIZED BY THE BURNT-OUT, THE TIRED, THE TRAUMATIZED, THE TECHNOCRATIC, AND THE UNINFORMED AS A NECESSARY EVIL, THE BEST CASE SCENARIO, ALL THINGS CONSIDERED, A TEMPORARY MALADY, AND HALF-SCHOLARSHIP AMONG OTHER THINGS?
AFTER ALL THIS TIME, AND LIFE'S TWISTS AND TURNS, IS IT REALLY OUR PRIVILEGE AS COMMUNITY MEMBERS TO GIVE AND GET TO BAIL THIS PLACE OUT AFTER DECADES OF MISMANAGEMENT FINALLY RAN DOWN THE CLOCK? IS TUITION 'OVER' (IF WE WANT IT)?
IF YOU'VE GONE HERE, OR GO HERE, LIVE AROUND HERE, OR WORK HERE, ARE JUST STOPPING BY, OR TUNING BACK IN, YOU MAY SAY TO YOURSELF, GEE, COOPER UNION 'IS' HARD TO SEE! AND THEN WONDER, WHY? CONCEIVED OF AS A BUILDING WITHOUT A PROGRAM, A BROWNSTONE UNION OF MANY PEOPLES AND CAUSES, AND ONCE THE TALLEST (AT ONLY A FEW STORIES HIGH) BUILDING IN ALL OF NEW YORK CITY, OUR SAME COOPER UNION NOW SITS LOW IN A VALLEY OF POLISHED MIRROR SKYSCRAPERS AS FAR AS THE EYE CAN SEE...
PERHAPS THIS ALL HAS SOMETHING TO DO WITH INVERSIONS, KNOTS UNDOING OR COLLAPSING CONFLICTS AND TURNOVER, VOIDS, VOLUMES, AND VACUUMS-- A REAPER FINALLY CATCHING UP TO FINISH OFF THAT SEEMINGLY ANACHRONISTIC IDEA OF FREE EDUCATION TO ALL.
IF YOU'VE BEEN THERE AND BACK, TRY TO REMEMBER THE ROAD TO TUITION, WHAT DID IT FEEL LIKE? COULD YOU SEE THE END IN SIGHT?
OR DID IT RIPPLE AWAY LIKE A SLIPPERY MIRAGE THROUGH YOUR FINGERS?
FAST-FORWARD A BIT AND CALL TO MIND THE NEW ROAD BACK TO FREE, EVEN THE WEARIEST OF TRAVELERS WILL HAVE TO ASK THEMSELVES,
HAVE THESE TWO ROADS BEEN ONE AND THE SAME ALL ALONG?
DO YOU REMEMBER THE OLD STRAW-MAN OF NO STONE LEFT UNTURNED? DARE TO COMPARE THAT VAGUE BUT WEIGHTY PROMISE TO THE INNUMERABLE COMMITTEES, DIRECT ACTIONS, WORKING GROUPS, PETITIONS, MEETINGS, TASK FORCES, VOTES OF NO-CONFIDENCE, OCCUPATIONS, PUBLIC OUTCRIES AND HEADLINES IN THE PRESS... ALL LEFT WITH WHEELS-SPINNING... NO TRACTION AGAINST AMBIGUITY IN THE END. A NEW YORK STATE SUPREME COURT LAWSUIT AND ULTIMATELY AN ATTORNEY GENERAL INVESTIGATION ONCE FORCED THE COLLEGE TO RE-ESTABLISH A COMMITMENT TO OFFERING FREE EDUCATION TO ALL ADMITTED STUDENTS.
BUT IT'S 2019 AND THE LANGUAGE, LIKE OUR FINANCES, IS MORE TECHNICAL THAN MEANINGFUL.


THAT SAME TRICKY LANGUAGE AND PLACES LIKE INSTITUTIONS ARE DEEPLY INTERTWINGLED... CONSTANTLY SHAPING AND BEING SHAPED BY ONE ANOTHER...STICKY TURNS OF PHRASE, METAPHORS, AND ALLEGORIES LINGER AND BLUR THE LINE BETWEEN REALITY, UNREALITY, PASTS, PRESENTS, AND FUTURES. OBSTACLES (PEOPLE, PLACES, THINGS, SITUATIONS, AND STRUCTURES OH MY!) PRESENT THEMSELVES IN AND OUT OF TIME, TO THE FEW AND TO THE MANY, LITERALLY, FIGURATIVELY, AND EVERY WHICH WAY IN BETWEEN.
·WOOF· HOW THEN MIGHT WE ENGAGE EACH OTHER TO SENSE, NAVIGATE, OR INHABIT THESE DENSELY LAYERED CONDITIONS, AND WHERE EXACTLY IS THE GREAT GARDEN WE ARE CALLED UPON TO KEEP? ·WOOF··WOOF·
BY NOW YOU PROBABLY KNOW WE RE CLIMBING UP THE THE STEEP HILL OF DEBT SERVICE ARRANGEMENTS, PREPAYMENT PENALTIES, AGGRESSIVE FUNDRAISING, NEW CAPITAL CAMPAIGNS, BLENDED INVESTMENTS, COMPOSITE FINANCIAL INDEXES, AND DEVELOPMENT SCHEMES, ·AND· WE VE GOT A LONG, LONG, LONG WAY TO GO. BUT ON YOUR WAY UP, OR DOWN, PERHAPS IT S ALSO NO SURPRISE TO HEAR THAT OTHERS HAVE COME CALLING THIS HILL-LIKE APPARITION THE DEEP HOLE. DO YOU ASK YOURSELF WELL, WHICH IS IT, HILL OR HOLE? OR DO YOU JUST GET A MOVE ON? TIME S-A-WASTIN!


WHILE YOU RE HERE, WHAT DOES IT MEAN TO CHARGE STUDENTS A 1/2 TUITION WHOSE BOTTOMLINE CREEPS UP 3% ANNUALLY, TO BUILD UP A RAINY DAY FUND TO GET US BACK TO A SUSTAINABLE, FINANCIALLY HEALTHY FREE IN THE FUTURE? THEY SAY WHEN IT RAINS IT POURS BUT IT S HARD TO APPRECIATE THE ALLURE OF A DRY FUTURE FOR SOME AND NOT OTHERS FROM THE MIDDLE OF A SEEMINGLY UNENDING DOWNPOUR. 'WOOF'
IS THIS THING ON?
MIGHT THERE BE OTHER ADVERSE OR UNINTENDED CONSEQUENCES TO THE BOARDS RECENT ADOPTION OF THE FREE EDUCATION COMMITTEE S 10 YEAR PLAN TO RETURN TO FULL-TUITION UNDERGRADUATE SCHOLARSHIPS BY 2029?
WHAT ARE THOSE CAVEATS AND WHOS DISCUSSED THEM? ...AND WHAT ABOUT THE ADMINISTRATIONS BRAND NEW STRATEGIC PLAN? HOW WAS THE LANGUAGE GENERATED? THE NUMBERS CRUNCHED? THE COMMUNITY CONSULTED?
AND WHATS THE DIFFERENCE BETWEEN A FULL-TUITION-SCHOLARSHIP AND A FREE EDUCATION ANYWAYS?

WE LIVE IN A WORLD OF TANGIBLE PROGRESS ENVELOPED IN DEEP CONTRADICTION, SO WHAT IF ANYTHING CAN BE LEARNED OR UNLEARNED ABOUT ALL THAT S GONE ON HERE AT COOPER UNION?

IF THIS (RE)INTRODUCTION FEELS MORE LIKE AN ENDING, JUST CONSIDER IT A PREFACE! OR A FOOTNOTE, A DOG-EARED PAGE, OR SOMETHING SCRAWLED IN THE MARGINS... 'WOOF'

NOW, IMAGINE
A "FREE SCHOOL TOWARDS
A FREE SOCIETY."

HOW DOES THAT FEEL?

SAY TO
YOURSELF AND
TO OTHERS AGAIN
AND AGAIN...

"THE DUST 'HASN'T'
SETTLED!"

AND

"EDUCATION
'WANTS' TO BE
FREE!"

AND FINALLY,
ASK YOURSELF AND ANYONE BRAVE ENOUGH TO LISTEN,

"WHAT SEEDS SHOULD WE SOW KNOWING 'NOW'
THAT WE DIDN'T KNOW 'THEN'?"

PRESIDENT'S CABINET The President's Cabinet is composed of the senior leadership of the college, including deans, associate deans, vice presidents and members of the president's senior staff. The cabinet meets regularly to address issues that impact Cooper Union. The meetings afford the Cabinet opportunities to discuss areas for collaboration, make recommendations to the President, discuss strategic plans and assist in the implementation of Cooper Union's overall mission. The members of the Cabinet include: Natalie Brooks, chief talent leader, Peter Buckley, acting dean of the Faculty of Humanities and Social Sciences, Christopher Chamberlin, dean of students, Danielle Cooper Daughtry, governance and external affairs officer and secretary to the Board of Trustees, Mike Essl, dean of the School of Art, Adriana Farmiga, assistant dean of the School of Art, Nicole Kidston, interim vice president of alumni affairs and development, Mindy Lang, creative director, Kim Newman, media relations manager, Elizabeth O'Donnell, associate dean of The Irwin S. Chanin School of Architecture, Anita Raja, associate dean of research and graduate programs of the Albert Nerken School of Engineering, John Ruth, vice president, finance and administration, Ruben Savizky, associate dean, Albert Nerken School of Engineering, Richard Stock, dean of the Albert Nerken School of Engineering, Nader Tehrani, dean of The Irwin S. Chanin School of Architecture, Antoinette Torres, director of strategic initiatives and institutional effectiveness Natalie John and Toni All followed Laura here from their last jobs Some even say they all ride the same train in from Philly Every morning Whats the purpose of a President's Cabinet anyway Admissions Abby Davis Associate Director of Admissions Adrianne Greth Assistant Dean of Admissions Makeda King-Smith Director of International Student Advisement, Assistant Director of Admissions and Records Chabeli Lajara Administrative Assistant and Visit Coordinator Maria Rossillo Coordinator of Applications Erin Stahl Associate Director of Admissions Michael Williams Application Processing Associate *after a rapid succession of quittings at the height of admissions season, only four members of the department remain* Alumni Affairs & Development Hilary Bonn Development Associate Cecilia Cammisa Assistant Director, Major Gifts & Gift Planning Siri Comeau McDonald Director of Corporate & Foundation Relations Jennifer Durst Deputy Director of Alumni Affairs and Development Andrea Graham Development Associate Margot Jacoby Director of Special Events Nicole Kidston Interim Vice President of Alumni Affairs and Development Scott Larner Assistant Director of Database Operations Daniel Malater Gifts Coordinator Dominic Matar Director of Advancement Services Crystal Ortiz Assistant Director, Special Events Elizabeth Rivera Director of Individual Giving Hannah Teskey Assistant Director, Individual Giving Silvia Tjioe Grants Manager, Corporate & Foundation Relations Daniel R. Zori Assistant Director, Alumni Affairs Buildings & Grounds Joaquin Arias Maintenance Miguel Bonilla Maintenance Torey Boyd Maintenance Michael Cantone Facilities Engineer Vito O. Caputo Maintenance Willie Delvalle Facilities Engineer Brent George Maintenance Marcelo Gomez Mechanic Deirdre Kennedy Administrative Assistant John Mohler Mechanic Angel Navarro Maintenance Paul Ostner Carpenter Alex Rodriguez Assistant Maintenance Supervisor Julio Santillana Chief Engineer Nicole Thomas Office Assistant James Trombetta Facilities Engineer Paul Williams Maintenance Floyd J. Young Director Facilities and Security Natalie Brooks hired Floyd Business Office Brian Cusack Director of Campus Enterprise Applications, Adjunct Professor Grace De Suarez Associate Controller Dana George Accounts Payable Tashay Gilbert Payroll Manager Steven Gleimer Budget Director Zhujun (June) Huang Accounting Specialist Grace Lee Accounting Specialist John Ruth Vice President,

Finance and Administration Robert Ryan Senior Accountant Keith Stokeld Controller Center for Writing Julia Bosson Writing Associate Anne Brink Writing Associate Iemanja Brown Writing Associate Alice Jones-Nelson Writing Associate John Lundberg Associate Director, Center for Writing Kate McIntyre Writing Associate Pam Newton Coordinator of the Writing Fellows Program Kit Nicholls Director of the Center for Writing Phil Polefrone Writing Associate Jesse Rice-Evans Writing Associate Communications & Design Center Andrew Arnold Managing Editor Mindy Lang Creative Director - Office of Communications; Adjunct Professor Kim Newman Media Relations Manager Mark Rossi Digital Art Director, Center for Design & Typography Inessa Shkolnikov Design Director, Center for Design & Typography Angela Starita Senior Writer Continuing Education Daniel Bertner Instructor Kimberly Bowers Continuing Education Administrator Saul Chernick Instructor Stephen Cronin Instructor Jack Eichenbaum Instructor Brandt Graves Instructor Eric Hibit Instructor Nol Honig Instructor Troy Leinster Instructor Barry Lewis Instructor Richard Lipton Instructor Grendel Löfkvist Instructor Ellen Lupton Instructor Annabeth Marks Instructor Carlos Meza Instructor Gabriel Munnich Instructor Gen Ramírez Instructor Carl Rohrs Instructor Amelia Saddington Instructor Nick Sherman Instructor Judith Simonian Instructor Barbara Slate Instructor Jeff Tolbert Instructor Josette Urso Instructor Lynne Yun Instructor Christopher Zacharow Instructor Faculty of Humanities & Social Sciences Peter Buckley Acting Dean, Associate Professor Administration Cynthia Hartling Administrative Associate to the Dean of the Faculty of Humanities and Social Sciences John Lundberg Associate Director, Center for Writing Kit Nicholls Director of the Center for Writing Full-Time Faculty Raffaele Bedarida Assistant Professor of Art History Peter Buckley Acting Dean, Associate Professor William Germano Professor Anne Griffin Professor Atina Grossmann Professor Diego Malquori Assistant Professor of Philosophy Sohnya Sayres Associate Professor Mary Stieber Professor Brian Swann Professor Proportional-Time Faculty Maren Stange Professor (Proportional) Adjunct and Visiting Faculty Haitham Abdullah Adjunct Assistant Professor Nana Adusei-Poku Visiting Professor Tim Anderson Adjunct Instructor Albert Appleton Adjunct Associate Professor Celia Bergoffen Adjunct Assistant Professor Anna Bokov Adjunct Associate Professor Danny Braun Adjunct Instructor Gail Buckland Distinguished Visiting Professor Samuel Casper Adjunct Instructor Iliana Capero-Amador Adjunct Assistant Professor Colby Chamberlain Adjunct Assistant Professor Jason Clarke Adjunct Assistant Professor Joanna Curtis Adjunct Instructor Elizabeth Donato Adjunct Assistant Professor Mya Dosch Adjunct Lecturer Greg D'Onofrio Adjunct Instructor Elisabeth Fink Adjunct Assistant Professor Annika Finne Adjunct Instructor Arnaud Gerspacher Adjunct Instructor Yuliya Grinberg Adjunct Instructor Mari Yoko Hara Adjunct Assistant Professor Michelle Hobart Adjunct Assistant Professor Stéphanie Jeanjean Adjunct Assistant Professor Heidi King Adjunct Assistant Professor Maria Kuvaldina Adjunct Assistant Professor Andrew Lampert Adjunct Instructor Emma Lieber Adjunct Assistant Professor Dana Liljegren Adjunct Instructor Fernando Loffredo Adjunct Instructor Sarah Lowengard Adjunct Associate Professor Melanie Marino Adjunct Assistant Professor Tara Menon Adjunct Instructor Iris Moon Adjunct Assistant Professor Pam Newton Adjunct Instructor Jason Lee Oakes Adjunct Assistant Professor Sara Partridge Adjunct Instructor Harold Ramdass Adjunct Assistant Professor Morgan Ridler Adjunct Assistant Professor Patricia Rocco Adjunct Professor of Art History John Sarich Adjunct Associate Professor Gail Satler Adjunct Associate Professor Lidia Serrano Adjunct Assistant Professor Ksenia Soboleva Adjunct Instructor Avra Spector Adjunct Instructor Evan Spritzer Adjunct Assistant Professor Christina M. Squitieri Adjunct Instructor Danielle Stewart Adjunct Instructor Yasuko Tsuchikane Adjunct Assistant Professor Jared Warren, Adjunct Instructor Andrew Weinstein Adjunct Associate Professor Christina Weyl Adjunct Assistant Professor Jennifer Wilson Adjunct Assistant Professor James Wylie Adjunct Assistant Professor Center for Writing, Writ-

ing Associates Julia Bosson Writing Associate Danny Braun Writing Associates Anne Brink Writing Associate Iemanja Brown Writing Associate Marie Hubbard Writing Associates Alice Jones-Nelson Writing Associate Christine Malvasi Writing Associates Kate McIntyre Writing Associate Pam Newton Coordinator of the Writing Fellows Program Phil Polefrone Writing Associate Jesse Rice-Evans Writing Associate Leeore Schnairsohn Writing Associates Emily Stone Writing Associates Kent Szlauderbach Writing Associates Stella Tan-Torres Writing Associates Administration and Faculty Emeriti Leo S. Kaplan Professor Emeritus Fred Siegel Professor Emeritus of History David Weir Professor Emeritus of Comparative Literature Financial Aid Lorenza Grazette Assistant Director of Financial Aid Estela Madrigal Student Accounts Assistant Jaya Patel Financial Aid Specialist Charlie Xu Senior Director of Student Financial Services, Director of Financial Aid Human Resources Natalie Brooks Chief Talent Leader Mary Ann Nissen Director of Human Resources Information Technology Wayne Adams Director of Academic Support Technologies 212.353.4194 | wadams@cooper.edu Craig Branum Academic Support Technician: Media Lab, Dept. of IT 212.353.4216 | cbranum@cooper.edu Ryan Cummins Desktop Support Technician 212 353-4350 | rcummins@cooper.edu Dennis Delgado Academic Support Technician: Media Lab, Dept. of IT 212-353-4216 | delgado@cooper.edu Joao Enxuto Academic Support Technician: Media Lab, Dept. of IT 212-353-4216 | enxuto@cooper.edu Sara Foley Associate Director of Operations/Technical Design Specialist 212-353-4264 | foley@cooper.edu Jeff Hakner Assistant Director of Telecommunications & Adjunct Professor 212-353-4353 | hak@cooper.edu Ian Hochstead I.T. Support Specialist 212-353-4368 | ian@cooper.edu John Kibbe Director of Administrative Systems 212-353-4352 | tall@cooper.edu Christopher P. Lent Director of Academic Computing; Adjunct Professor; Freshman Engineering Advisor 212-353-4350 | lent@cooper.edu Marget Long Senior Academic Support Technician; Adjunct Instructor, School of Art 212.353.4034 | long@cooper.edu Lawrence Mesich Lead Academic Support Technician 212.353.4216 | mesich@cooper.edu Keith Ng Systems Engineer 212-353-4356 | ng3@cooper.edu Robert Reinckens Interim CTO 212.353.4321 | reincken@cooper.edu Joyce Yu-Jean Lee Academic Support Specialist 212.353.4216 | jlee@cooper.edu Information Technology Wayne Adams Director of Academic Support Technologies 212.353.4194 | wadams@cooper.edu Craig Branum Academic Support Technician: Media Lab, Dept. of IT 212.353.4216 | cbranum@cooper.edu Ryan Cummins Desktop Support Technician 212 353-4350 | rcummins@cooper.edu Dennis Delgado Academic Support Technician: Media Lab, Dept. of IT 212-353-4216 | delgado@cooper.edu Joao Enxuto Academic Support Technician: Media Lab, Dept. of IT 212-353-4216 | enxuto@cooper.edu Sara Foley Associate Director of Operations/Technical Design Specialist 212-353-4264 | foley@cooper.edu Jeff Hakner Assistant Director of Telecommunications & Adjunct Professor 212-353-4353 | hak@cooper.edu Ian Hochstead I.T. Support Specialist 212-353-4368 | ian@cooper.edu John Kibbe Director of Administrative Systems 212-353-4352 | tall@cooper.edu Christopher P. Lent Director of Academic Computing; Adjunct Professor; Freshman Engineering Advisor 212-353-4350 | lent@cooper.edu Marget Long Senior Academic Support Technician; Adjunct Instructor, School of Art 212.353.4034 | long@cooper.edu Lawrence Mesich Lead Academic Support Technician 212.353.4216 | mesich@cooper.edu Keith Ng Systems Engineer 212-353-4356 | ng3@cooper.edu Robert Reinckens Interim CTO 212.353.4321 | reincken@cooper.edu Joyce Yu-Jean Lee Academic Support Specialist 212.353.4216 | jlee@cooper.edu Library Samantha Berman Assistant to the Library Director 212.353.4185 | sberman@cooper.edu Katie Blumenkrantz Assistant Librarian (Cooper Archives) 212.353.4184 | blumenkr@cooper.edu Julie Castelluzzo Librarian (Electronic Services / Electrical Engineering / Computer Science) (212) 353-4178 | juliec@cooper.edu Michael Gundert Library Clerk (Part Time) 212.353.4188 Claire P. Gunning Librari-

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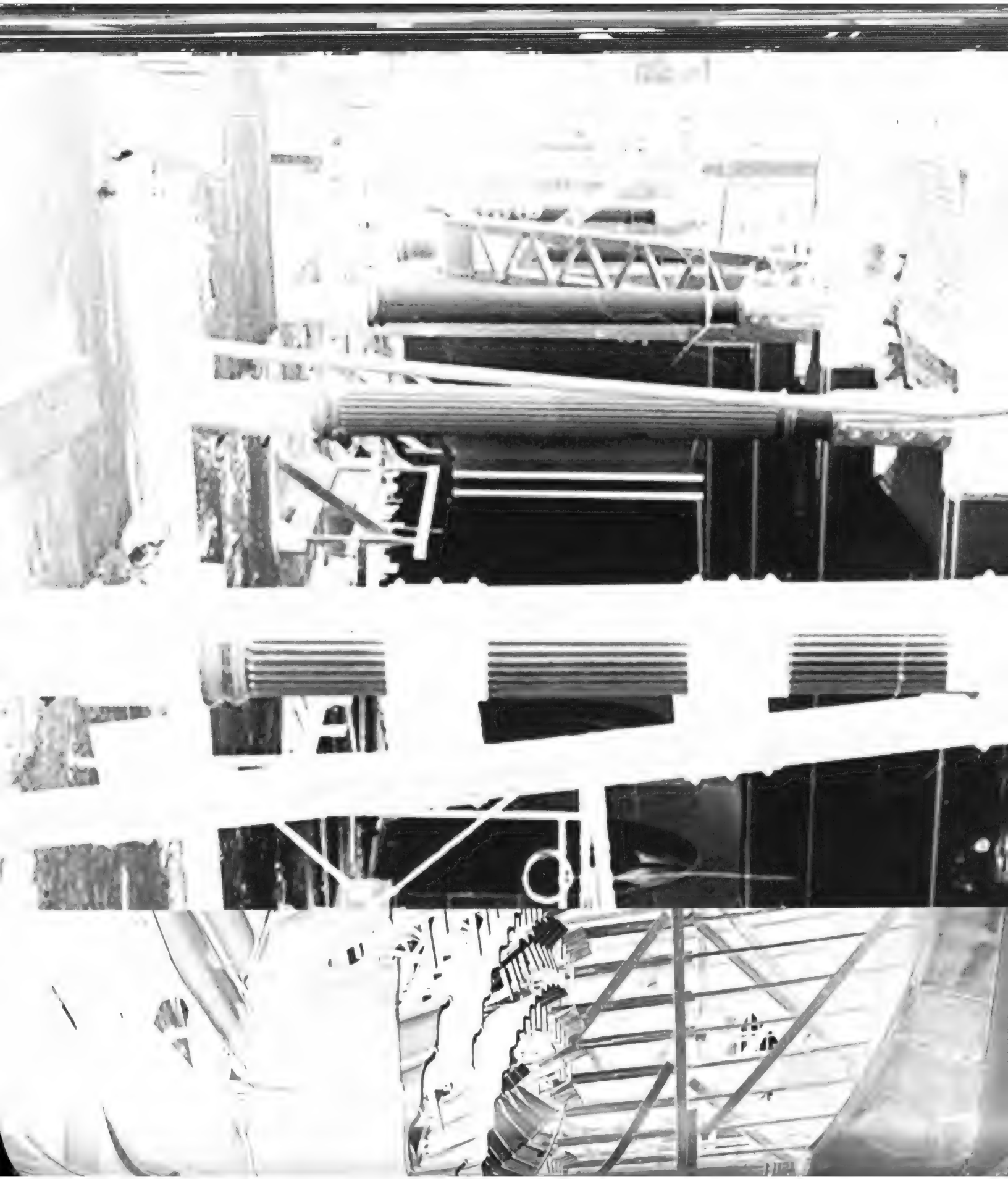
structor Thorsten Helbig Associate Professor Florian Meier Instructor Staff Lea Bertucci Special Projects Assistant Caitlin Biggers Project Manager - Student Work Collection Chris Dierks Collections Manager and Grants Liaison Robyn Fitzsimmons Administrative Assistant Mauricio Higuera Administrative Assistant for Public Programs and New Projects School of Art Mike Essl Dean & Associate Professor Adriana Farmiga Assistant Dean & Adjunct Professor Administration Judith Bernstein Coordinator for Academic Operations Sam Draxler Special Initiatives Coordinator Day Gleeson Associate Professor and Academic Advisor Frances Northcutt Green Coordinator, Office of Academic Advisement Tia Jeung Art School Budget Analyst Emmy Mikelson Coordinator of Student Exhibitions and Special Projects Laura Mircik-Sellers Archive Coordinator, Herb Lubalin Study Center of Design and Typography Margaret Morton Professor Amy Westpfahl Coordinator of Recruitment & Admissions; Adjunct Instructor Taehee Whang Administrative Assistant Full-Time Faculty Dennis Adams Professor Mike Essl Dean & Associate Professor Day Gleeson Associate Professor and Academic Advisor Leslie Hewitt Assistant Professor Margaret Morton Professor Christine Osinski Professor Walid Raad Professor Lucy Raven Assistant Professor William Villalongo Assistant Professor Proportional-Time Faculty Doug Ashford Associate Professor (Proportional-Time) Alexander Tochilovsky Associate Professor (Proportional-Time) and Curator, Herb Lubalin Study Center of Design and Typography David True Associate Professor (Proportional-Time) Adjunct and Visiting Faculty Nana Adusei-Poku Adjunct Instructor Colleen Asper Adjunct Instructor Felipe Baeza Adjunct Instructor Trisha Baga Visiting Artist Jack Barth Adjunct Professor Chloë Bass Adjunct Instructor Meriem Bennani Visiting Artist Omar Berrada Adjunct Instructor Larry Brown Adjunct Professor Jacob Burckhardt Adjunct Professor Lea Cetera Adjunct Instructor, Technical Assistant - Art & Architecture Shop Lorenzo Clayton Adjunct Professor Oscar Cornejo Adjunct Instructor Rodrigo Corral James Craig Chair (Spring 2019) Brandon Coley Cox Visiting Artist Nancy Davenport Henry Wolf Chair in Photography (Fall 2018) Rondi Davies Adjunct Instructor Luther Charles Davis Adjunct Instructor Benjamin Degen Adjunct Instructor Cara Di Edwardo Adjunct Professor; Director of Typography Programs Jessica Dickinson Visiting Artist Stephen Ellis Adjunct Professor Franklin Evans Adjunct Instructor Glen Fogel Visiting Artist Ryan Garrett Adjunct Instructor Agnieszka Gasparska Adjunct Instructor Barbara Glauber Adjunct Instructor Jana Grcevich Adjunct Instructor Vanessa Gully Santiago Painting Office Coordinator; Adjunct Instructor Einat Imber Adjunct Instructor, Technical Assistant - Art & Architecture Shop Tomashi Jackson Adjunct Instructor Beverly Joel Adjunct Professor and Director of Off-Campus Programs, School of Art Corinne Jones Adjunct Instructor Ellen Jorgensen Adjunct Instructor Robyn Kanner Frank Stanton Chair in Graphic Design (Fall 2018) Geoff Kaplan Frank Stanton Chair in Graphic Design Jonathan Key Frank Stanton Chair in Graphic Design (Spring 2019) Byron Kim Alex Katz Chair in Painting (Fall 2018) Josh Kline Visiting Artist Frank Kurtzke Adjunct Professor, Co-Head Technician, Art & Architecture Shop Mindy Lang Creative Director - Office of Communications; Adjunct Professor Yve Laris Cohen Adjunct Instructor Karl LaRocca Adjunct Instructor Cristobal Lehyt Adjunct Professor Kevin Leonard Adjunct Professor, Co-Head Technician, Art & Architecture Shop Emily Lessard Adjunct Instructor Pam Lins Adjunct Professor Marget Long Senior Academic Support Technician; Adjunct Instructor, School of Art Jill Magid Adjunct Professor Akemi Martin Adjunct Instructor Yuri Masnyj Adjunct Professor Mores McWreath Adjunct Professor Katie Merz Adjunct Instructor Eric Monasterio Adjunct Instructor, Technical Assistant, Art & Architecture Shop Alva Mooses Adjunct Instructor Scott Nobles Adjunct Professor and Digital Specialist/Print Technical Assistant Kambui Olujimi Adjunct Instructor Stephan Pascher Adjunct Instructor Jenny Perlin Adjunct Instructor Zach Poff Adjunct Professor and Technical Assistant - Film/Video Jennifer Todd Reeves Adjunct Professor Richard Renaldi Henry Wolf Chair in Photography (Spring

2019) Joseph Riley Adjunct Instructor, Technical Assistant - Type Shop and Art + Architecture Shop Marc Andre Robinson Adjunct Instructor Roy Rub Adjunct Instructor Matthew Schrader Adjunct Instructor Michelle Segre Adjunct Instructor Accra Shepp Adjunct Instructor Yasu Shibata Adjunct Professor Erin Sparling Adjunct Professor Mackenzie Stroh Adjunct Instructor Erika Vogt Visiting Artist John Vondracek Adjunct Instructor Nat Ward Adjunct Instructor Amy Westpfahl Coordinator of Recruitment & Admissions; Adjunct Instructor Andrew Wilhelm Adjunct Professor and Technical Assistant, Art & Architecture Shop Jennifer Williams Adjunct Professor and Head Photography Technician Taylor Woods Adjunct Instructor Staff Zeljka Blaksic Technical Assistant - Film/Video Janaye Brown Technical Assistant - Film/Video Amy Buckley Technical Assistant - Photography Jazmine Catasus Technical Assistant - Printmaking Lea Cetera Adjunct Instructor, Technical Assistant - Art & Architecture Shop Sarah Dahlinger Technical Assistant - Printmaking David Deng Technical Assistant - Photography David Derish Technical Assistant - Painting/Drawing Pablo Diaz Technical Assistant - Type Shop Amanda Friedman Technical Assistant - Painting/Drawing Pedro Gonzalez Technical Assistant - Film/Video Melanie Gonzalez Technical Assistant - Photography Harley Grieco Technical Assistant - Photography Vanessa Gully Santiago Painting Office Coordinator; Adjunct Instructor Anna Hostvedt Senior Painting Office Coordinator; Adjunct Instructor Haisi Hu Technical Assistant - Film/Video Anna Hutchings Technical Assistant - Art & Architecture Shop Einat Imber Adjunct Instructor, Technical Assistant - Art & Architecture Shop Frank Kurtzke Adjunct Professor, Co-Head Technician, Art & Architecture Shop Heidi Lau Technical Assistant - Printmaking Kevin Leonard Adjunct Professor, Co-Head Technician, Art & Architecture Shop Marget Long Senior Academic Support Technician; Adjunct Instructor, School of Art Ross McLaren Technical Assistant - Film/Video Simone Meltesen Assistant Director, Cooper Union Outreach Pre-College Program Eric Monasterio Adjunct Instructor, Technical Assistant, Art & Architecture Shop Alex Musto Technical Assistant - Film/Video Scott Nobles Adjunct Professor and Digital Specialist/Print Technical Assistant Nancy Paredes Technical Assistant - Printmaking Zach Poff Adjunct Professor and Technical Assistant - Film/Video Daniel Porvin Head Technician - Film/Video Joseph Riley Adjunct Instructor, Technical Assistant - Type Shop and Art + Architecture Shop Garrett Rosenblum Technical Assistant - Film/Video Dax Sommerfeld Technical Assistant - Art & Architecture Shop Maggie Sullivan Night Monitor - Painting/Drawing Ryan Toth Night Monitor - Painting/Drawing Andrew Wilhelm Adjunct Professor and Technical Assistant, Art & Architecture Shop Jennifer Williams Adjunct Professor and Head Photography Technician School of Engineering Anita Raja Associate Dean of Research and Graduate Programs; Professor of Computer Science Ruben Savizky Acting Associate Dean & Professor of Chemistry Barry L. Shoop Dean; Professor of Electrical Engineering Administration George J. Delagrammatikas Professor of Mechanical Engineering; Program Director, STEM Outreach Daria Sapienza Administrative Associate to the Dean of Engineering Brandee Sharma Administrative Assistant Beth Slack Administrative Associate Elizabeth Waters Associate Director, STEM Outreach Full-Time Faculty Om Agrawal Professor and Chair of Mathematics Melody Baglione Professor and George Clark Chair of Mechanical Engineering Joseph C. Cataldo Professor of Civil Engineering Toby J. Cumberbatch Professor of Electrical Engineering Benjamin J. Davis Associate Professor of Chemical Engineering George J. Delagrammatikas Professor of Mechanical Engineering; Program Director, STEM Outreach Fred L. Fontaine Jesse Sherman Professor of Electrical Engineering, Chair of Electrical Engineering, Director of the Retraining Program for Immigrant Engineers Vito A. Guido Professor and George Fox Chair of Civil Engineering Sam Keene Associate Professor of Electrical Engineering Stuart Kirtman Associate Professor of Electrical Engineering Neal (Simon) Kwong Assistant Professor of Civil Engineering Marcus Lay Associate Professor of Chemistry Daniel H. Lepek

Associate Professor of Chemical Engineering Eric Lima Associate Professor of Mechanical Engineering, Director The Open-Source Hardware Laboratory Dirk Martin Luchtenburg Assistant Professor of Mechanical Engineering Stanislav Mintchev Associate Professor of Mathematics Andrea Newmark Professor and Chair of Chemistry O. Charles Okorafor Professor and Chair of Chemical Engineering Carl Sable Associate Professor of Computer Engineering Ruben Savizky Acting Associate Dean & Professor of Chemistry Mili Shah Associate Professor Neveen Shlayan Assistant Professor of Electrical Engineering George W. Sidebotham Professor of Mechanical Engineering Amanda Simson Assistant Professor of Chemical Engineering Robert W. Smyth Professor of Mathematics Richard J. Stock Professor of Chemical Engineering Robert Q Topper Professor of Chemistry Cosmas Tzavelis Professor of Civil Engineering Leonid Vulakh Professor of Mathematics Chih-Shing (Stan) Wei Professor (retired) Jennifer Weiser Assistant Professor of Chemical Engineering Alan N. Wolf Professor and Chair of Physics David M. Wootton Professor of Mechanical Engineering Constantine Yapijakis Professor of Civil Engineering Philip Yecko Associate Professor of Physics Adjunct and Visiting Faculty Zinoviy Akkerman Adjunct Professor Julia Astrauckas Adjunct Professor Michael Bambino Adjunct Instructor Robert Barrett Adjunct Professor Peter Bastos Adjunct Professor Scott N. Bondi Adjunct Professor Dong Chang Adjunct Professor Jean Chung Adjunct Professor Christopher Curro Adjunct Professor Sean Cusack Adjunct Professor Brian Cusack Director of Campus Enterprise Applications, Adjunct Professor Partha P. Debroy Adjunct Professor Robert Dell Director, Center for Innovation and Applied Technology, Adjunct Professor, C.V. Starr Research Foundation Research Fellow Ketan Dodhia Adjunct Professor Daniel Gitzel Adjunct Professor Jeff Hakner Assistant Director of Telecommunications & Adjunct Professor Adam Hapij Adjunct Professor Lawrence S. Hausman Adjunct Professor Timothy R. Hoerning Adjunct Professor Christopher Hong Adjunct Professor Neil Jackman Adjunct Professor Radmila Janjusevic Biomedical Engineering Laboratory Technician, Student Project Coordinator, and Adjunct Professor Elya Kapelyan Adjunct Professor Henry Kasen Adjunct Professor Kevin S. Kolack Adjunct Professor Ian J. Kremenic Adjunct Professor Michael Kumaresan Adjunct Instructor Lembit Kutt Adjunct Professor Martin Lawless Visiting Professor Lawrence Lennon Adjunct Professor, Benjamin Menschel Visiting Professor in Engineering Christopher P. Lent Director of Academic Computing; Adjunct Professor; Freshman Engineering Advisor Richard Lo Adjunct Professor Matthew Mahon Adjunct Professor Ericson Mar Adjunct Professor Oliver Medvedik Director of the Kanbar Center for Biomedical Engineering Shivam Mevawala Adjunct Professor Sarah Nodrof Adjunct Professor Karl Orishimo Adjunct Professor Katherine M. Panchyk Adjunct Professor David Petrillo Adjunct Professor Yashodhan C. Risbud Adjunct Professor Ryan Ronan Adjunct Instructor Lidia Serrano Adjunct Professor Omar A. Sharafeddin Adjunct Professor Jeffrey Sherman Adjunct Professor Robert Smilowitz Adjunct Professor Daniel M. Speyer Adjunct Professor Leonid Srubshchik Adjunct Professor Thomas Synnott, III Adjunct Professor Steven Ungar Adjunct Professor Pornnipa Vichchulada Adjunct Professor Joseph Viola Adjunct Professor Samuel Wiener Adjunct Professor Hui (Grace) Yu Adjunct Professor Administration and Faculty Emeriti Eleanor Baum Dean Emeritus Simon Ben-Avi Professor Emeritus John Bove Professor Emeritus Shang-I Cheng Professor Emeritus Wallace Chinitz Professor Emeritus Ralph L. Knapp Professor Emeritus Jean Le Mee Professor Emeritus Melvin Sandler Professor Emeritus Staff Christian Carter Lab Technician: Chemistry and Chemical Engineering Departments Kok Ren Choy Biofluids Research Fellow Sinisa Janjusevic Technician & Machinist Radmila Janjusevic Biomedical Engineering Laboratory Technician, Student Project Coordinator, and Adjunct Professor Maria Jimenez Administrative Associate: Math, Physics, Mechanical & Civil Engineering Departments Liz Leon Administrative Associate: Chemistry, Chemical & Electrical Engineering Departments Aladino Melendez

EE Supervisor, EE Technician John Osburn Associate Director, Engineering Communication Workshops Revans Ragbir Chemistry Lab Technician Estuardo Rodas Mechanical Engineering Technician and Project Coordinator Doug Thornhill Laboratory Technician and Project Coordinator, Mechanical Engineering Luis Vega Technician Brian Yudin Student Shop/ ME Design Studio Technician Student Affairs Toni Burrell Assistant Director, Center for Career Development Christopher Chamberlin Dean of Students Eric Conley Administrative Manager Ryan Gambino Residence Hall Director Cassandra Jolicoeur Student Care Coordinator Grace Kendall Title IX Coordinator and Director of Student Diversity and Inclusion Whitney Oldenburg Career Counselor David Robbins Assistant Dean for Student Affairs Jolie Woodson Director, Center for Career Development

from the 1970's gutting & rennovation of the Foundation Building



The slight fever which had set in steadily increased on Monday night, and on Tuesday pneumonia had soon developed that Dr. Hull, and Dr. Rufus P. Lincoln, who had also been called in, expressed their fears that Mr. Cooper had not strength and vitality enough to carry him through the attack.

All day Tuesday the fever increased, and Mr. Cooper grew weaker and weaker. He had said from the beginning that he had never been so weak before, and he fully realized that he was dying. Tuesday afternoon and evening he gave expression to many wishes for the future of his children and grandchildren, and he spoke often of family matters. The dying man's thought rested especially on the future of the Cooper Institute, and he repeatedly spoke of his desire that the work of the institution might go steadily on in the years to come. Late in the evening Mr. Cooper grew very weak, and from midnight until 1 o'clock in the morning he found it very difficult to articulate distinctly. After 1 o'clock his children were only able to understand a word now and then. Mr. Cooper retained consciousness until a few moments before 3 o'clock, when he sank into a painless unconsciousness, and at just 3 o'clock his spirit passed away. At the final moment Mr. Cooper was attended by his sons, ex-Mayor Edward Cooper; his daughter, Mrs. Hewitt, and her husband and five of their six children, and Dr. Hull. Mrs. Edward Cooper had been indisposed during the evening and had been obliged to retire. At the last moment Mr. Edward Cooper held one of his father's hands, and Mr. Hewitt grasped the other hand. Besides those who were present the only immediate relatives surviving Mr. Cooper are a young son of Mr. Hewitt, Mrs. Lloyd Bryce, daughter of Edward Cooper, and two children of Mrs. Bryce. Arrangements for Mr. Cooper's funeral were not entirely completed yesterday. It was decided, however, to hold the services at 10 30 o'clock on Saturday morning, in All Souls' Unitarian Church, Fourth avenue and Twentieth-street, of which Mr. Cooper was a member. The Rev. Dr. Robert Collyer will officiate. The following gentlemen will act as pall-bearers: The Hon. Hamilton Fish, No. 251 East Seventeenth-street; Wilson G. Hunt

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From the desk of Peter Cooper April 29,1859

...."It is my desire that students, on leaving the institution shall receive a certificate setting forth their actual proficiency in any of the branches of science taught in the institution.....

....In order to encourage the young to improve and better their condition, I have provided for a continued course of lectures, discussions and recitations in the most useful and practical sciences, to be open and free to all that can bring a certificate of good moral character from parents, guardians or employers, and who will agree on their part to conform faithfully to all rules and regulations necessary to maintain the honor and usefulness of the institution.....

....My feelings, my desires, my hopes, embrace humanity throughout the world: and if it were in my power, I would bring all mankind to see and feel that there is an Almighty power and beauty in goodness. I would gladly show to all, that goodness rises in every possible degree from the smallest act of kindness up to the Infinite of all good. My earnest desire is to make this building and institution contribute in every way possible to unite all in one common effort to improve each and every human being, seeing that we are bound up in one common destiny and by the laws of our being are made dependent for our happiness on the continued acts of kindness we receive from each other.....

....I trust that the students of this institution will do something to bear back the mighty torrent of evils now pressing on the world. I trust that here they will learn to overcome the evils of life with kindness and affection. I trust that here they will find that all true greatness consists in using all the powers they possess to do unto others as they would that others should do unto them; and in this way to become really great by becoming the servant of all.....

....These great blessings that have fallen to our lot as a people, are entrusted to our care for ourselves and for our posterity, and for the encouragement of suffering humanity throughout the world.....

....Feeling this great responsibility, I desire, by all that I can say and by all that I can do, to awaken in the minds of the rising generation an undying thirst for knowledge and virtue, in order that they may be able, by wise and honorable measure, to preserve the liberties we enjoy.....

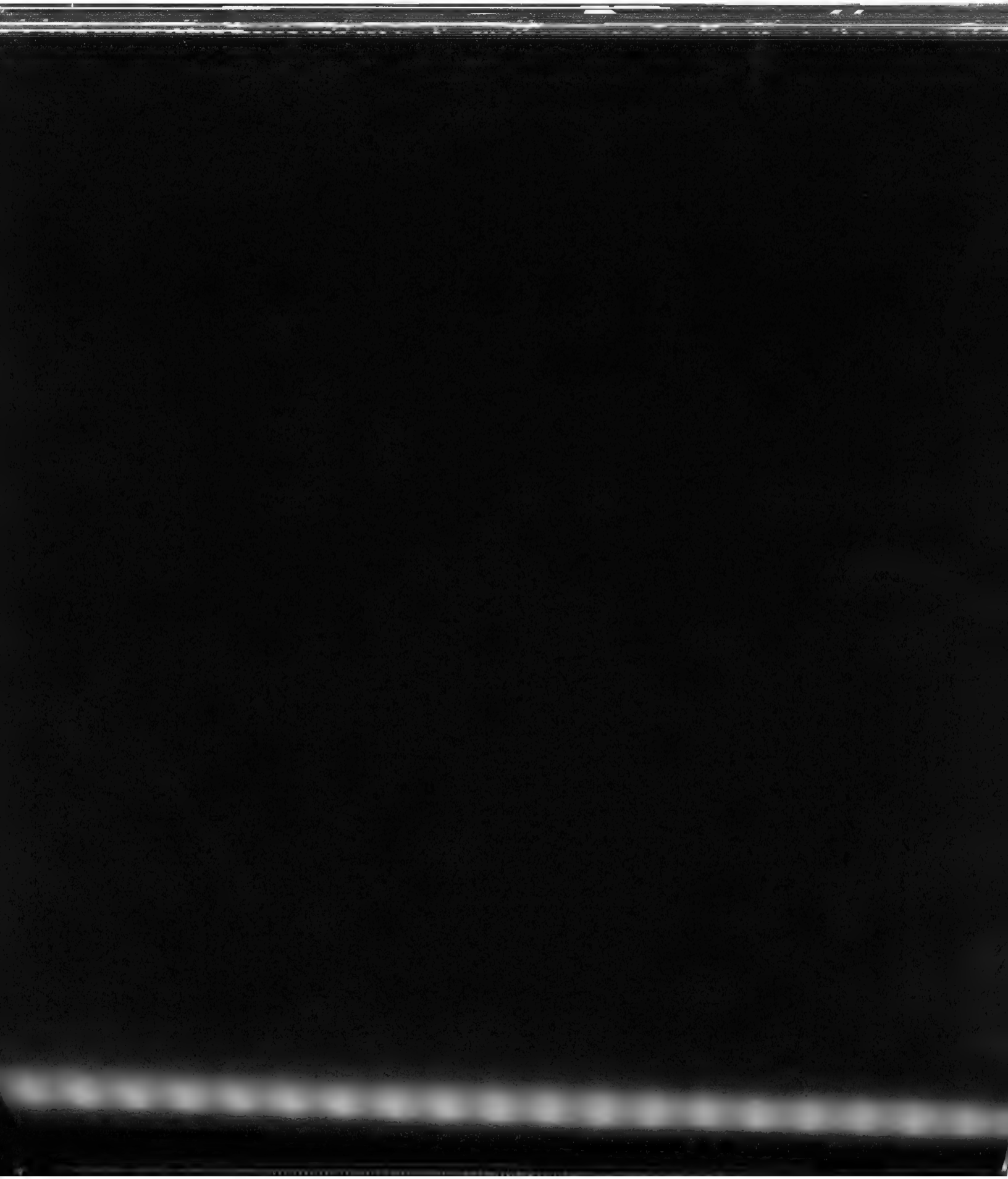
....Please accept my heartfelt assurance of sincere desire that under your care thousands of the youth of our country may throng its halls to learn those lessons of wisdom so much needed to guide the inexperience of youth amidst the dangers to which they are at all times exposed."

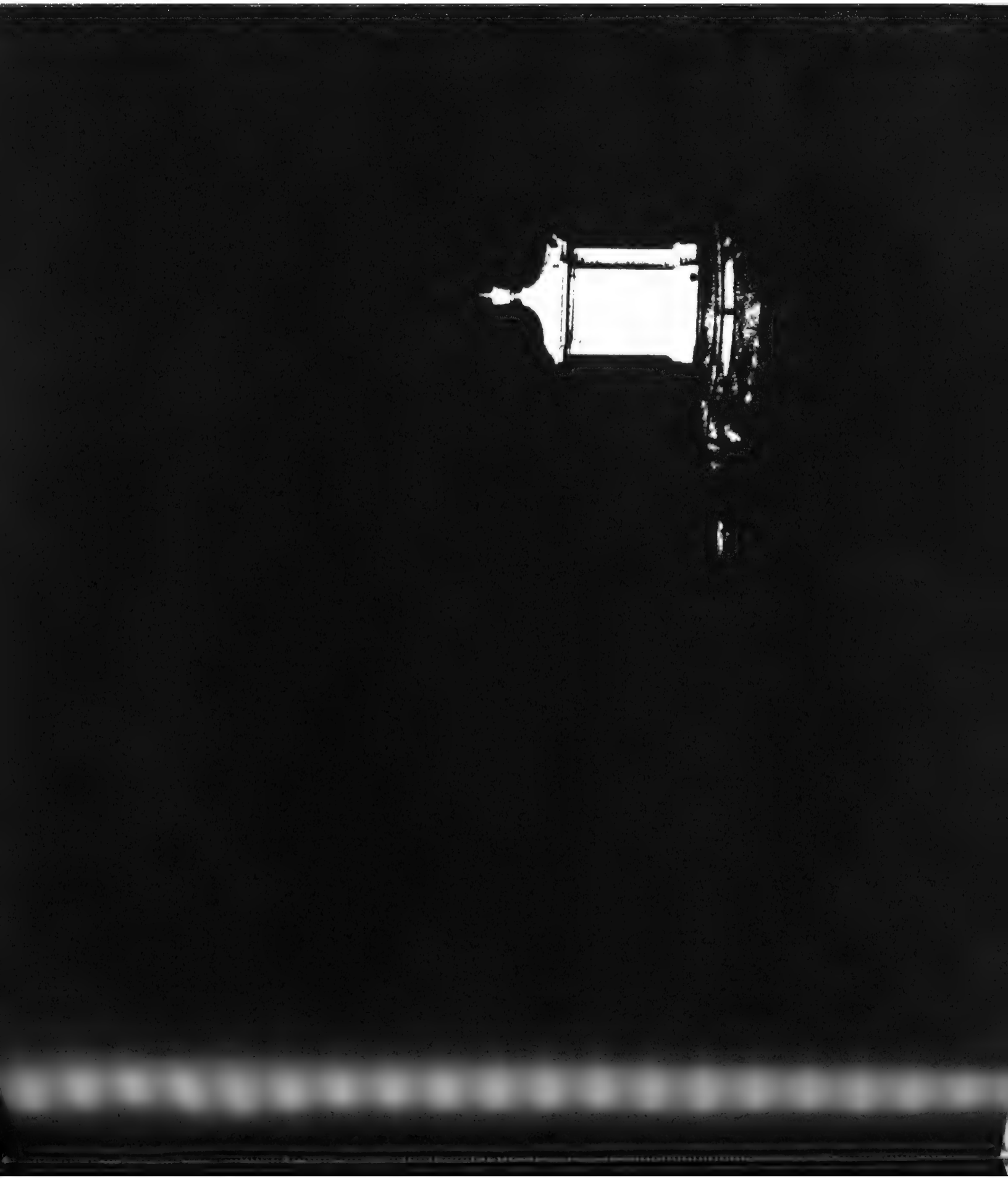
[Signed:]

Peter Cooper

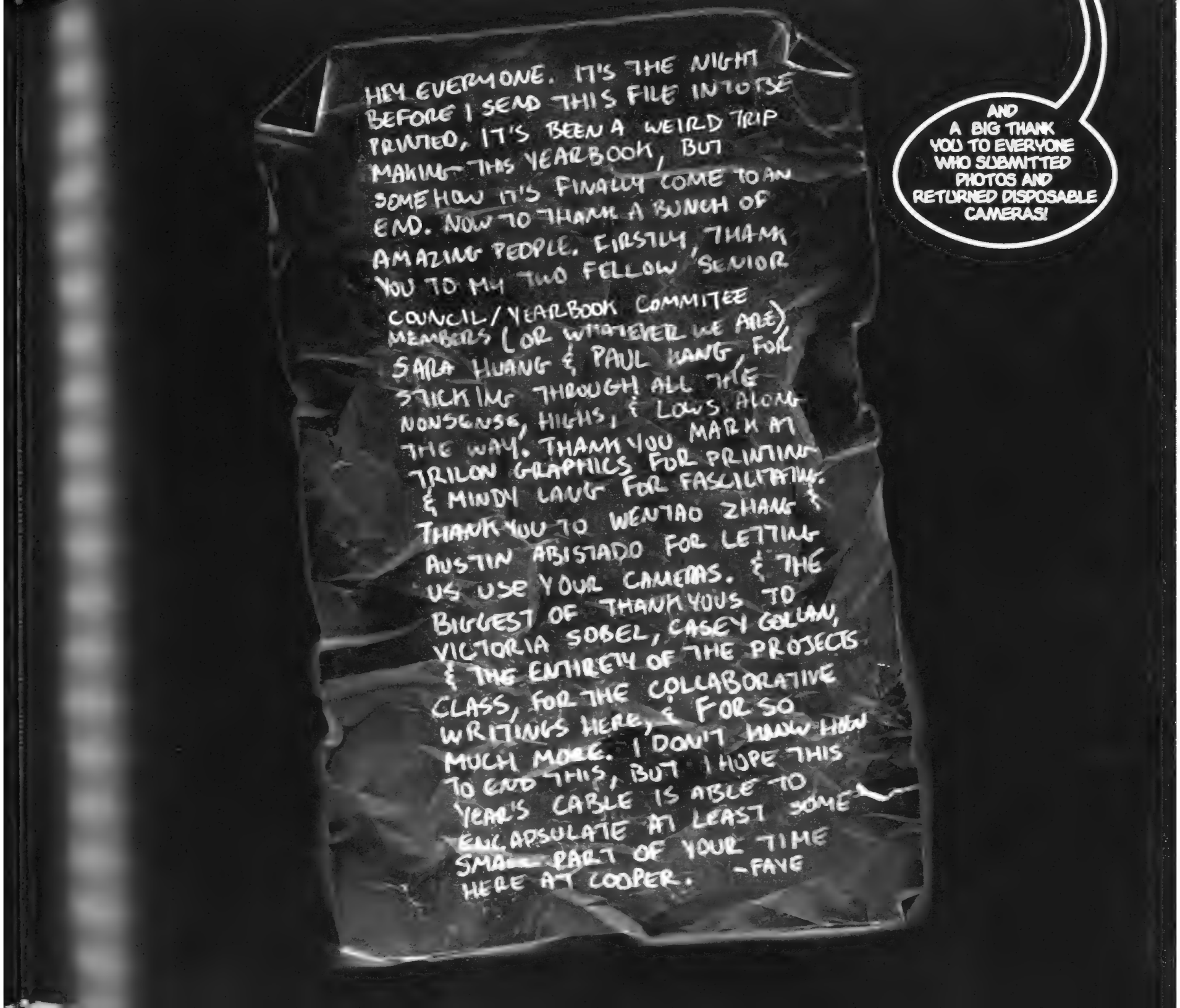
PETER COOPER
PATRIOT. PHILANTHROPIST.
SAGE.
PIONEER VNDER THE FREE
INSTITVTIONS OF A NEW
NATION IN WORKS OF
INDVSTRIAL ENTERPRISE.
AND OF FAR SIGHTED
BENEVOLENCE.
FOVNDER OF THE COOPER VNION
FOR THE ADVANCEMENT
OF SCIENCE AND ART WHICH HE
CONCEIVED WHEN A POOR
APPRENTICE. AND REALIZED
AFTER MANY YEARS OF
SACRIFICE AND DEVOTION
THVS BECOMING THE FIRST
IN AMERICA PERSONALLY
TO ADMINISTER LARGE PRIVATE
FORTVNE FOR THE PVBLIC GOOD.
DISTINGVISHED AS
MVNICIPAL LEGISLATOR.
INVENTOR. MECHANIC.
AND MANVFACTVRER.
HE WAS A LEADER IN PROVIDING
HIS NATIVE CITY WITH ITS POLICE
AND FIRE DEPARTMENTS.
ITS PVBLIC SCHOOL SYSTEM.
AND THE CROTON WATER

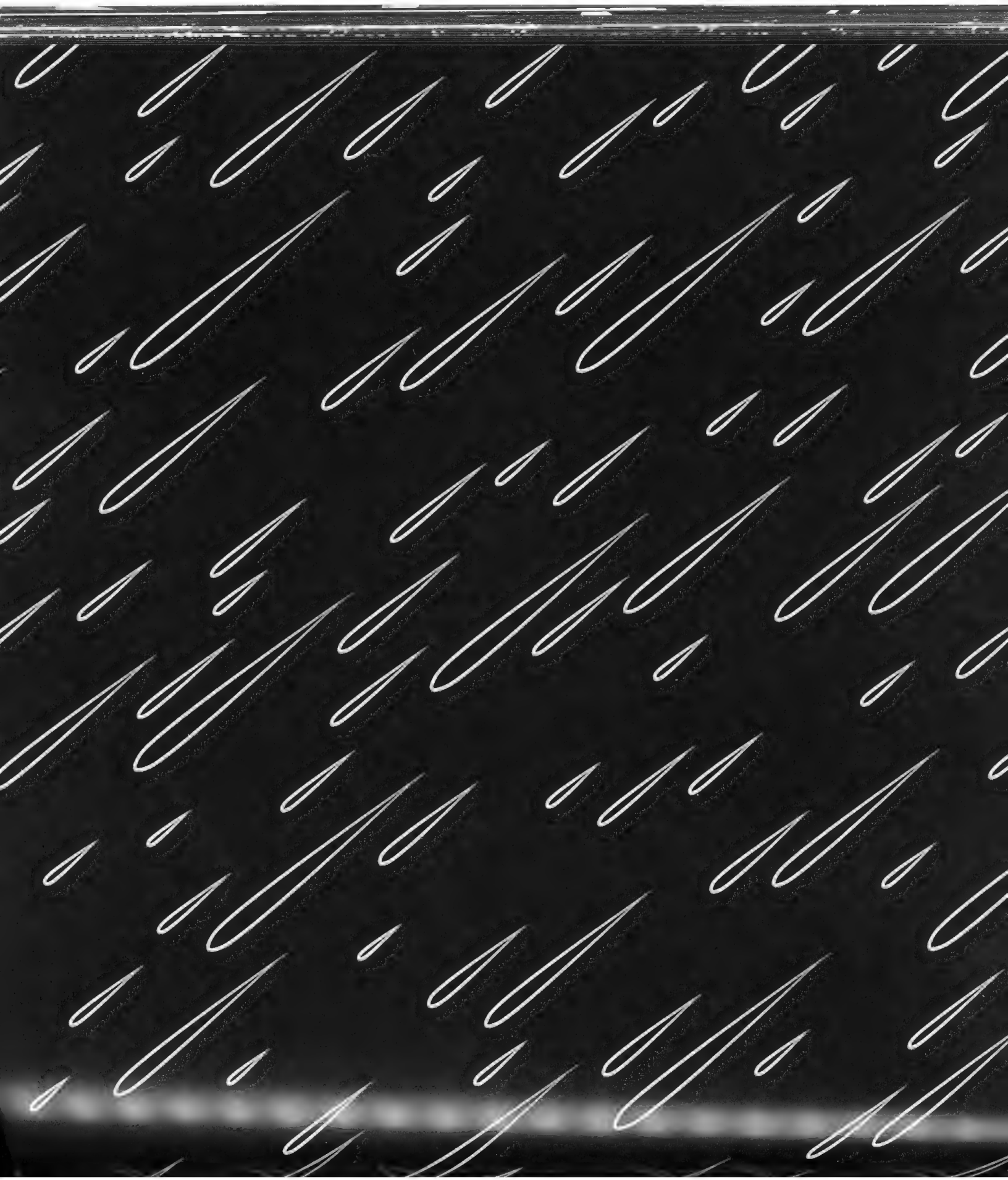
1970 Cable

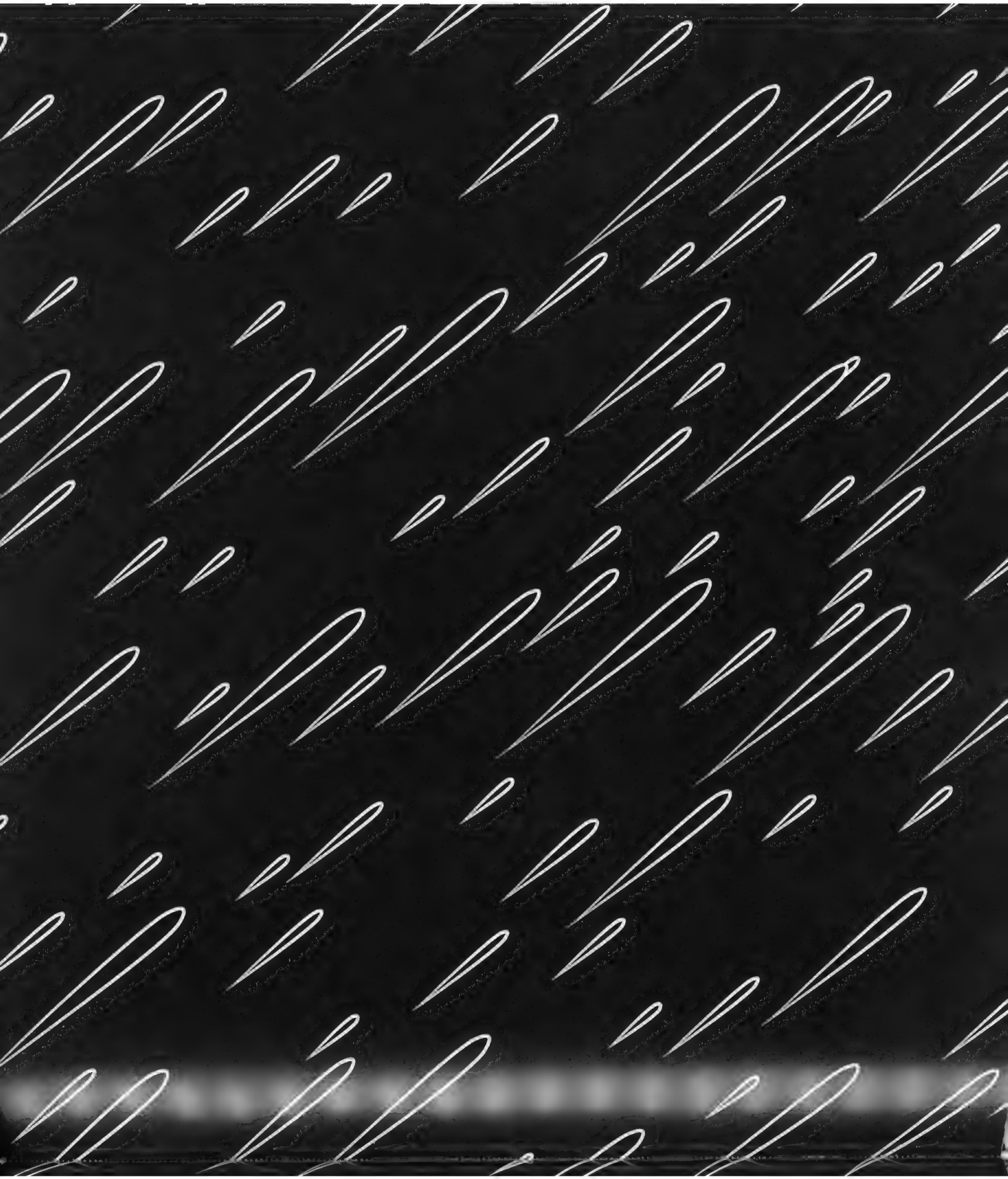


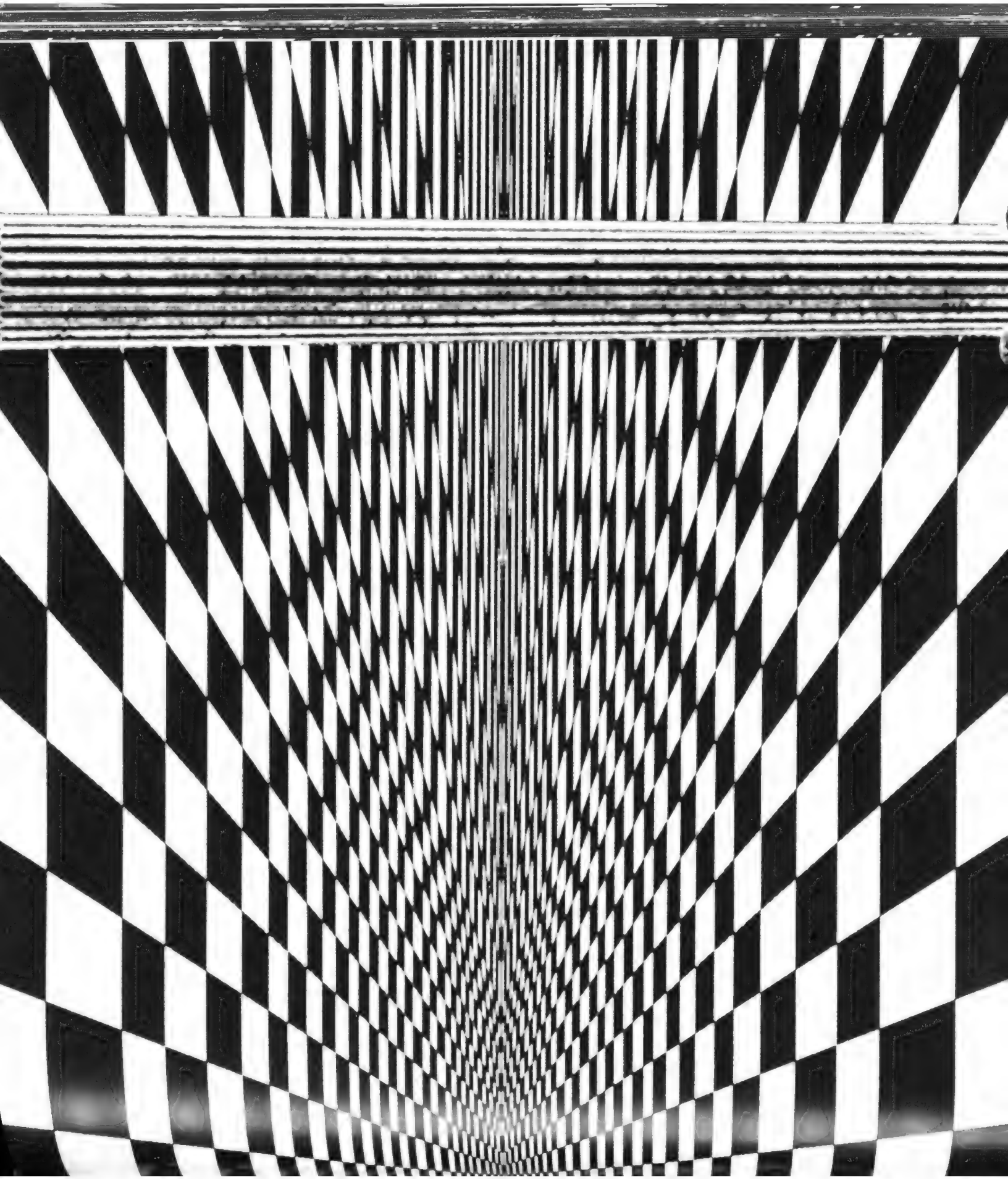


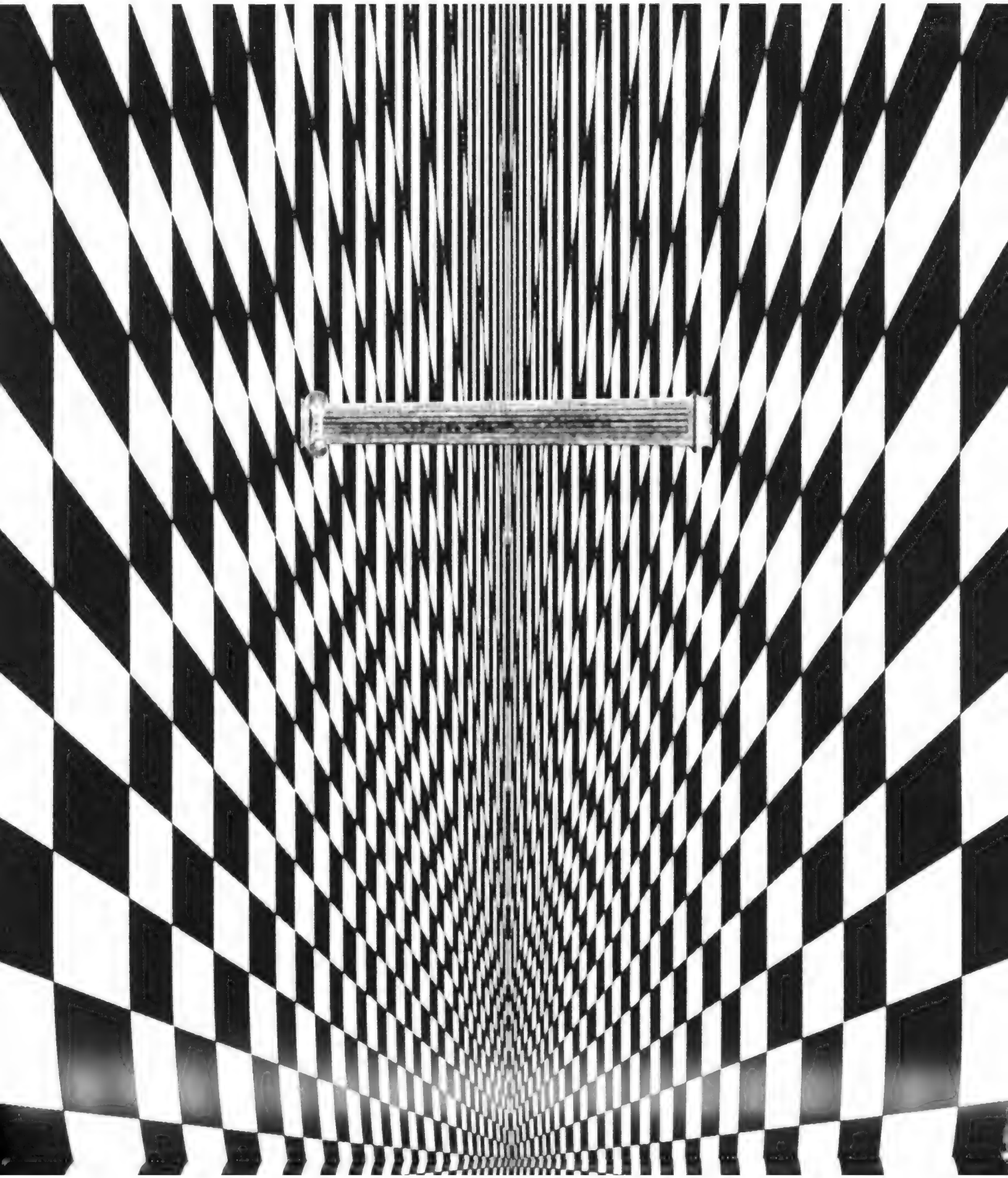
AND DON'T FORGET, WE ARE WHAT MAKES THE COOPER UNION, NOT THE OTHERWAY AROUND...AND JUST BECAUSE YOU GRADUATE, DOESN'T MEAN YOU LEAVE...

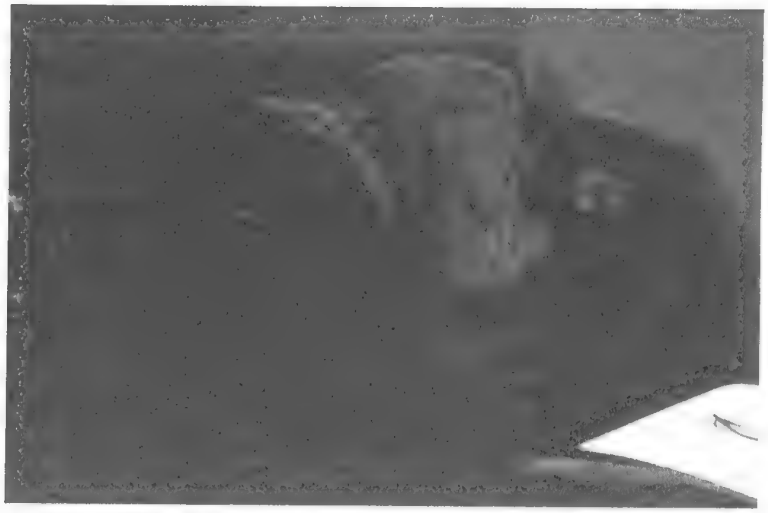

HEY EVERYONE. IT'S THE NIGHT BEFORE I SEND THIS FILE INTO TSE PRINTED, IT'S BEEN A WEIRD TRIP MAKING THIS YEARBOOK, BUT SOMEHOW IT'S FINALLY COME TO AN END. NOW TO THANK A BUNCH OF AMAZING PEOPLE. FIRSTLY, THANK YOU TO MY TWO FELLOW SENIOR COUNCIL/YEARBOOK COMMITEE MEMBERS (OR WHATEVER WE ARE), SARA HUANG & PAUL KANG, FOR STICKING THROUGH ALL THE NONSENSE, HIGHS, & LOWS ALONG THE WAY. THANK YOU MARK AT TRILON GRAPHICS FOR PRINTING & MINDY LANG FOR FASCILITATING. THANK YOU TO WENTAO ZHANG & AUSTIN ABISTADO FOR LETTING US USE YOUR CAMERAS. & THE BIGGEST OF THANK YOUS TO VICTORIA SOBEL, CASEY GOLIAN, & THE ENTIRETY OF THE PROJECTS CLASS, FOR THE COLLABORATIVE WRITINGS HERE, & FOR SO MUCH MORE. I DON'T KNOW HOW TO END THIS, BUT I HOPE THIS YEAR'S CABLE IS ABLE TO ENCAPSULATE AT LEAST SOME SMALL PART OF YOUR TIME HERE AT COOPER. -FAYE
AND A BIG THANK YOU TO EVERYONE WHO SUBMITTED PHOTOS AND RETURNED DISPOSABLE CAMERAS!





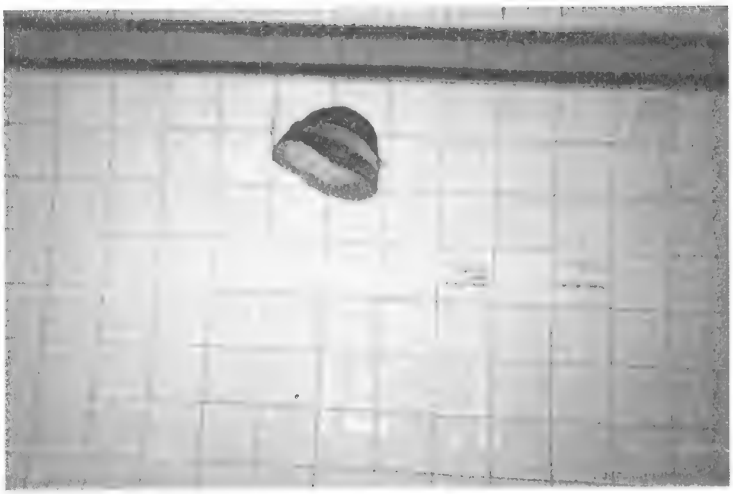


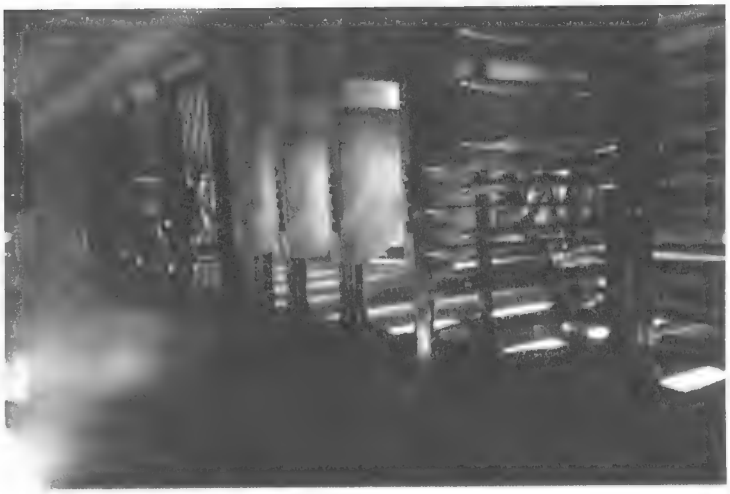




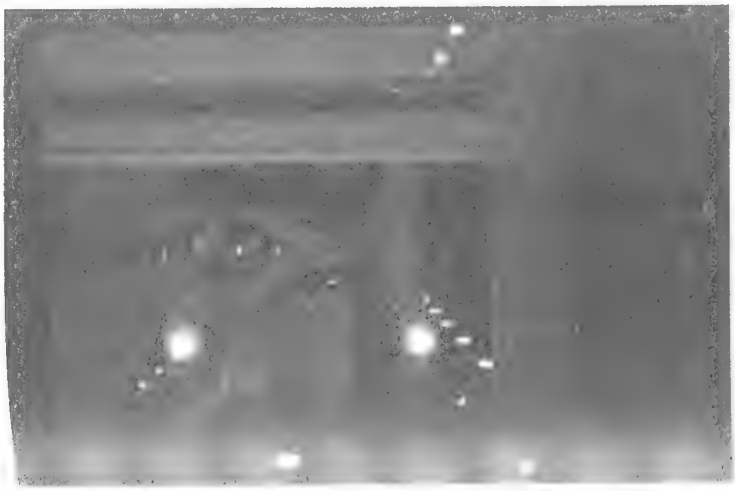
A.I.

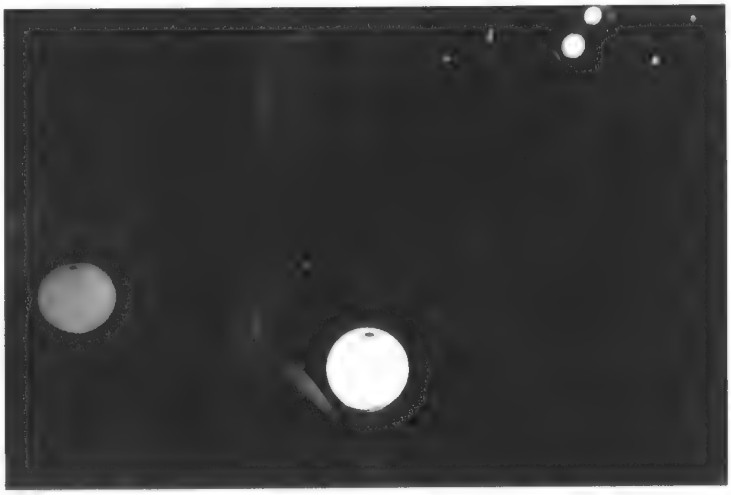
GRANT
PROGRAM



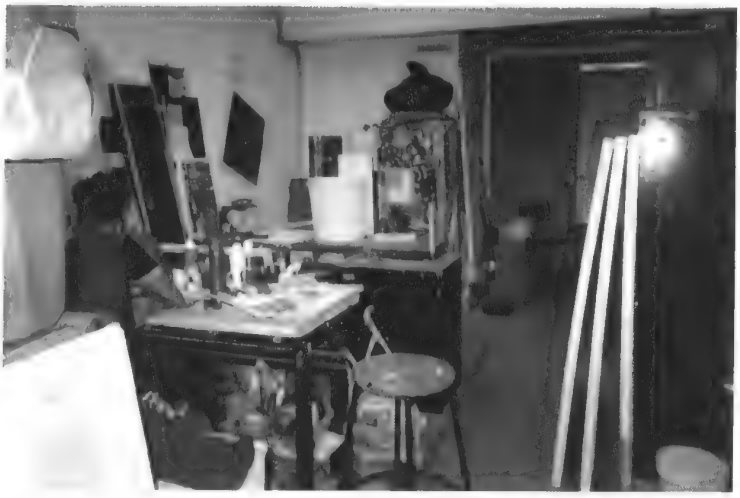


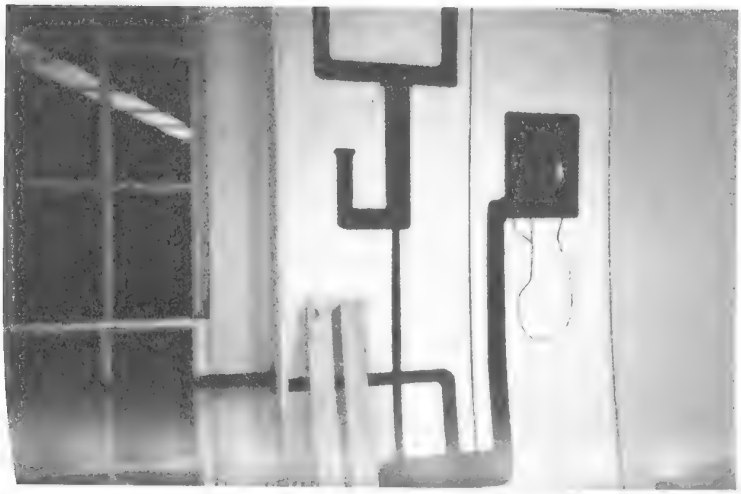
8th STREET

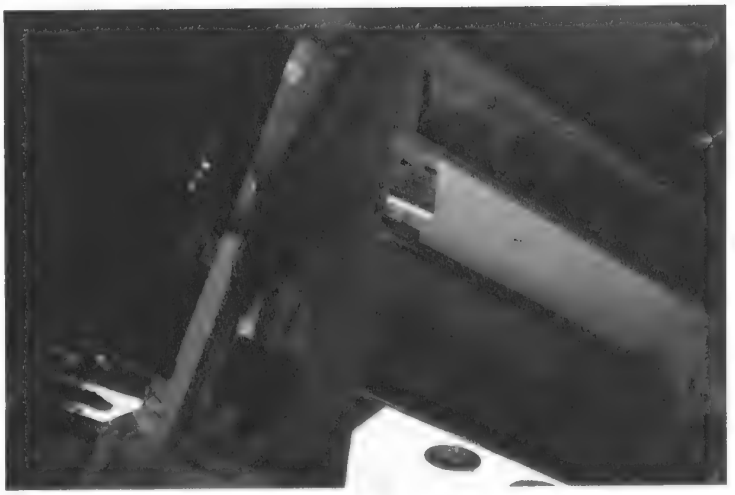




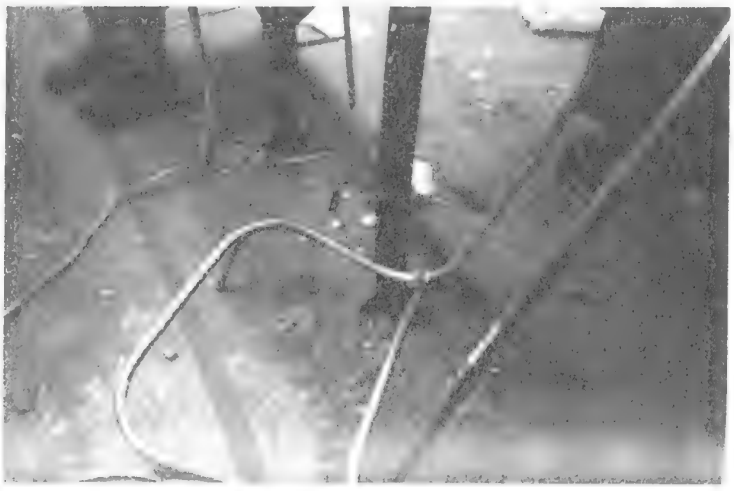
BAGEL CAFÉ
RAY'S PIZZA

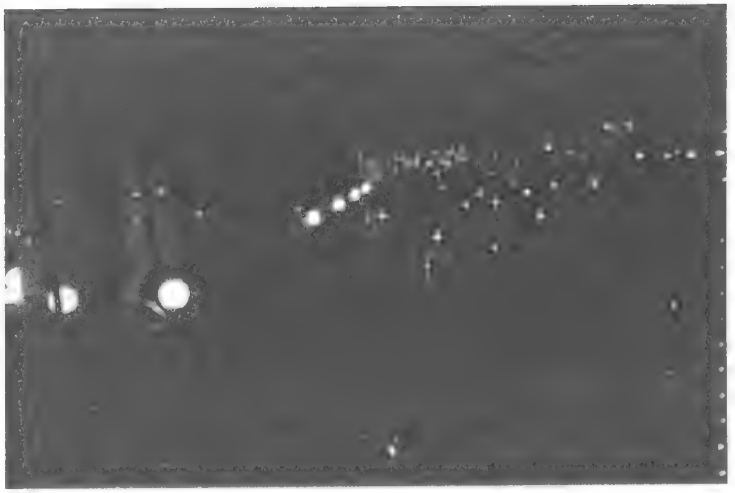


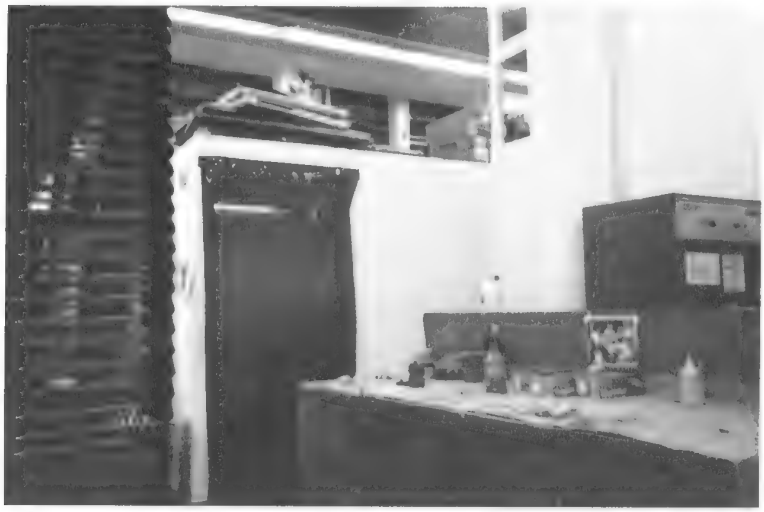


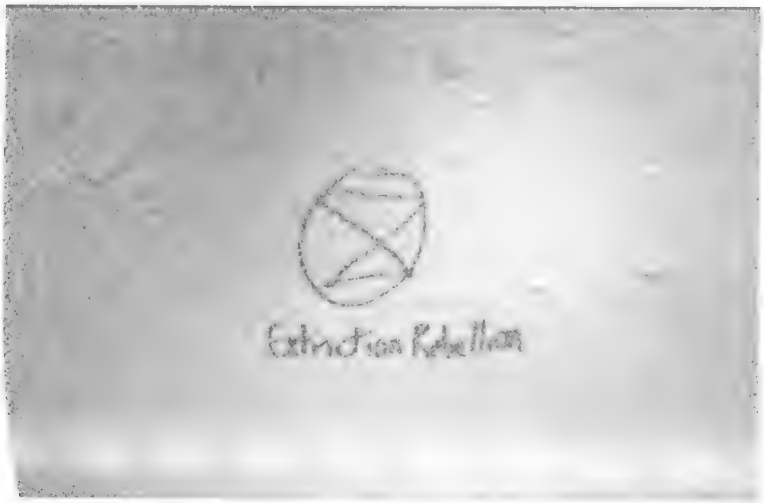


OR MOVE
THIS ROOM

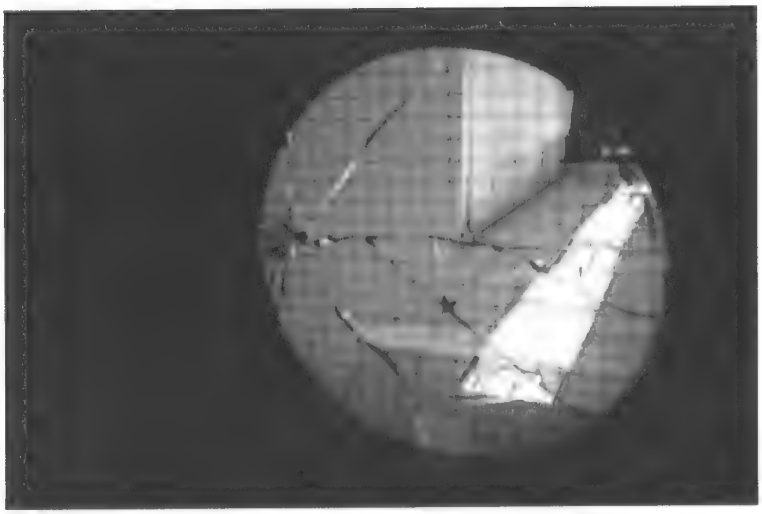


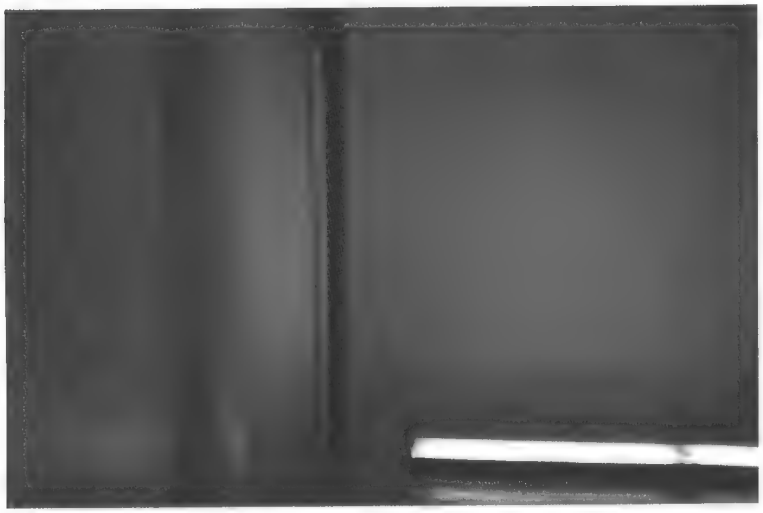


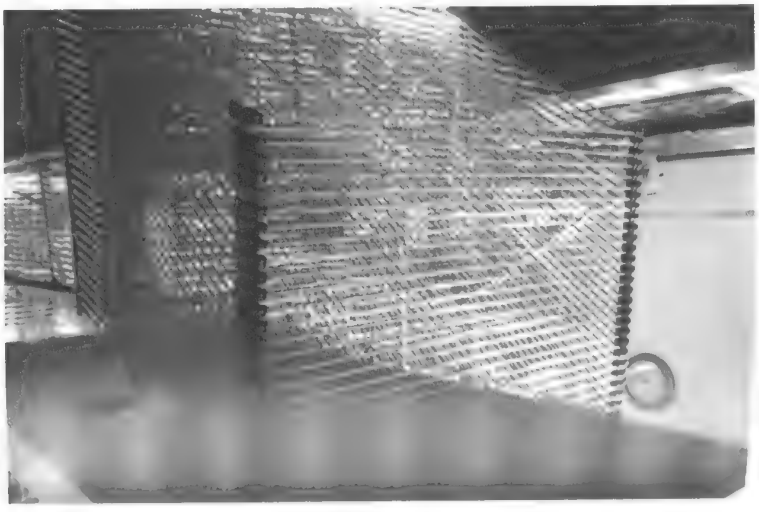


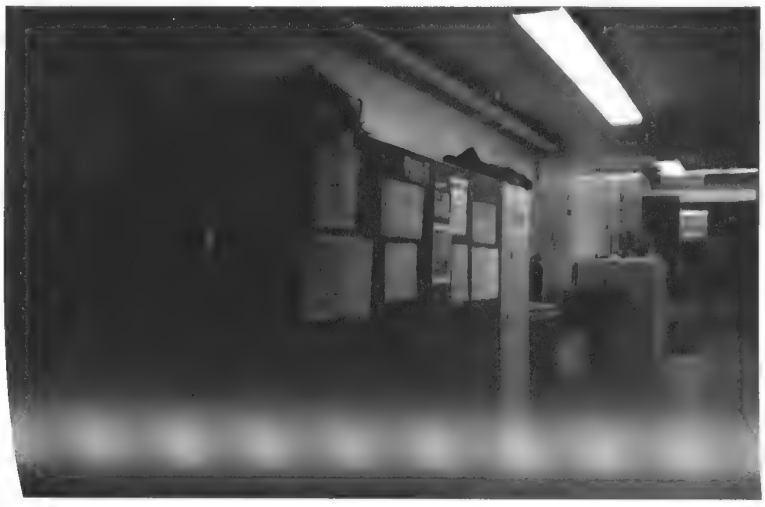

Extinction Rebellion

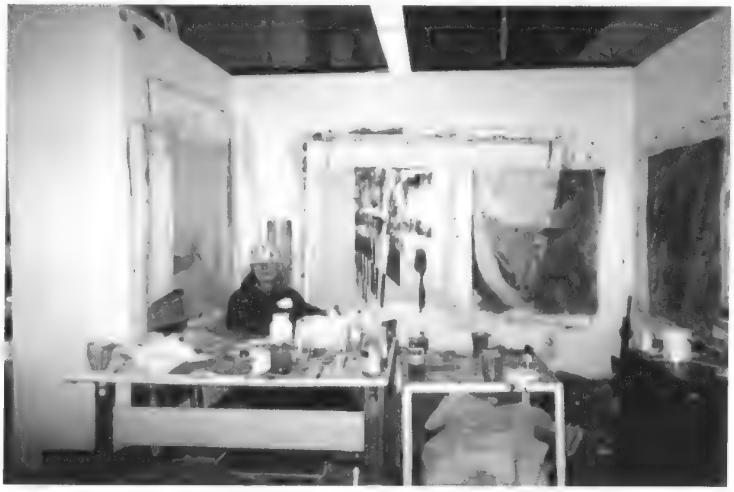
Bayou











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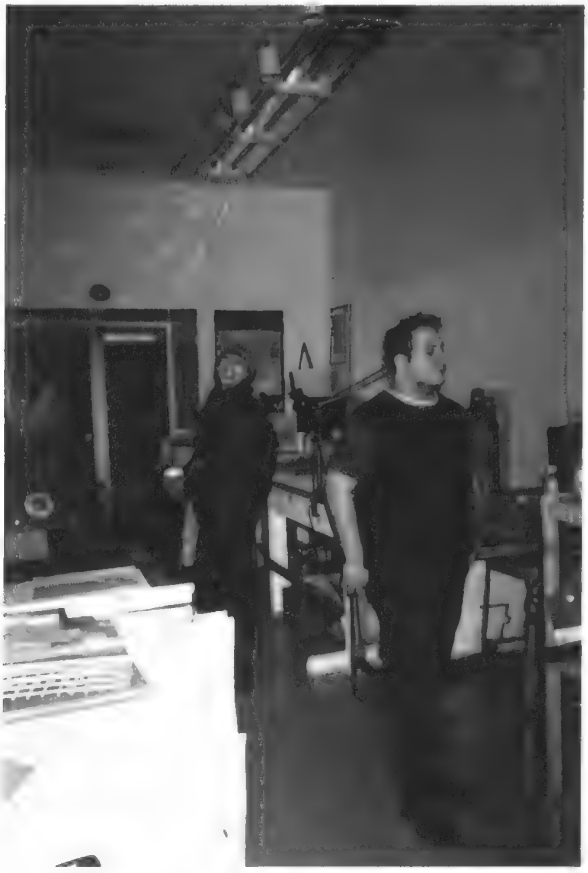

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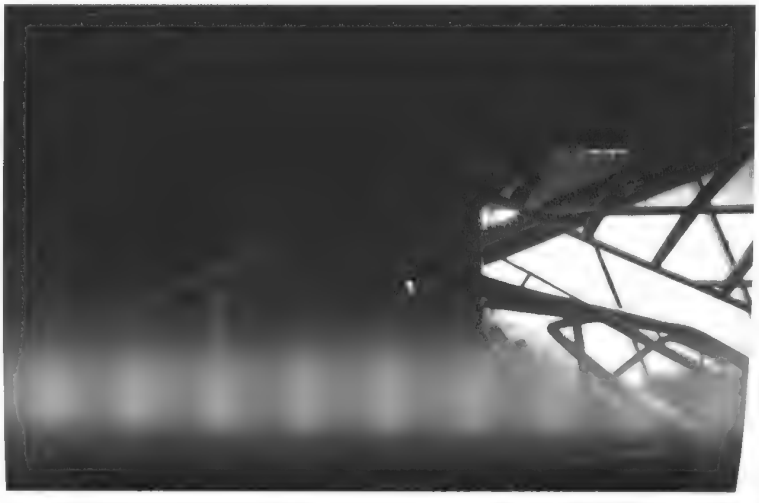
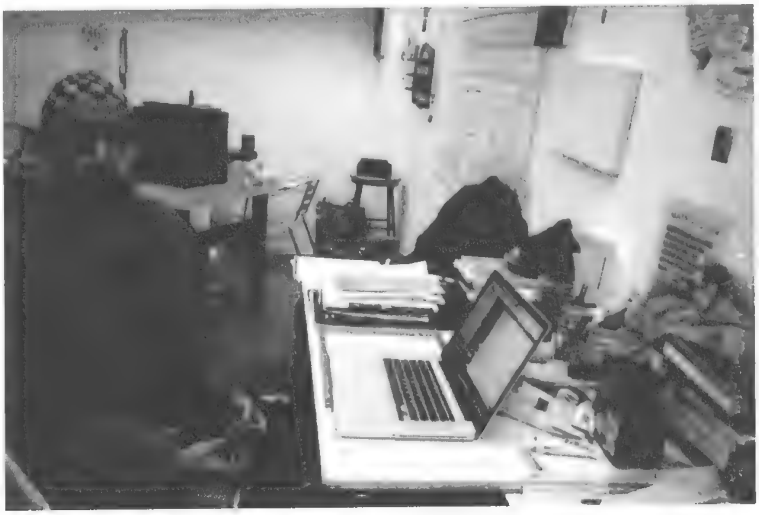
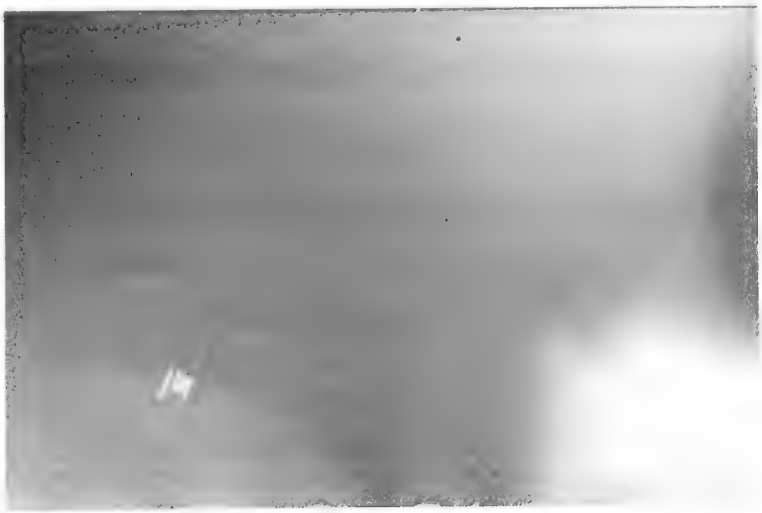
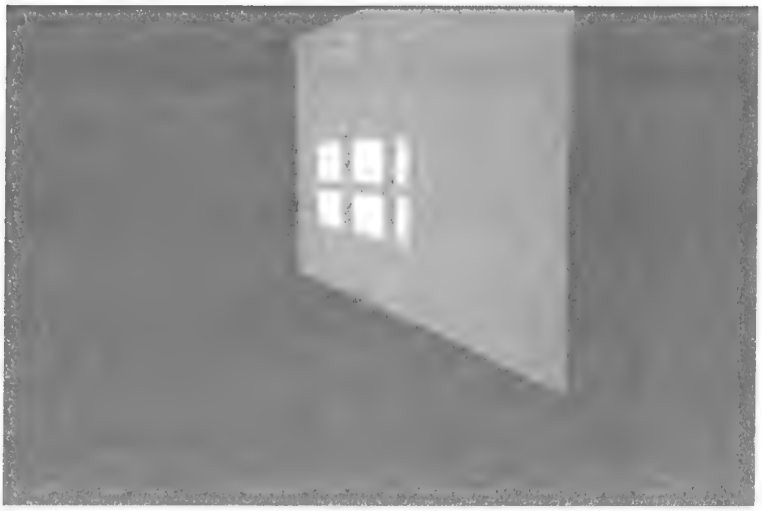
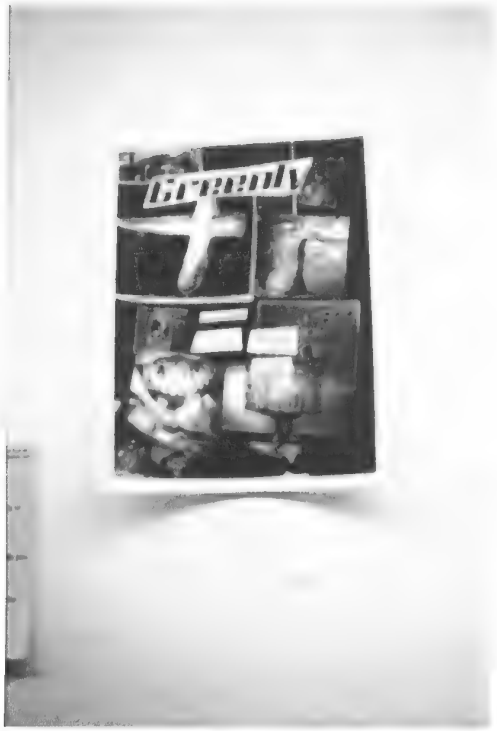


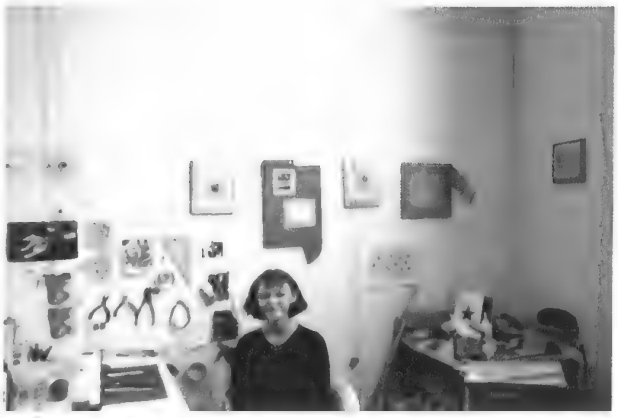
STOP

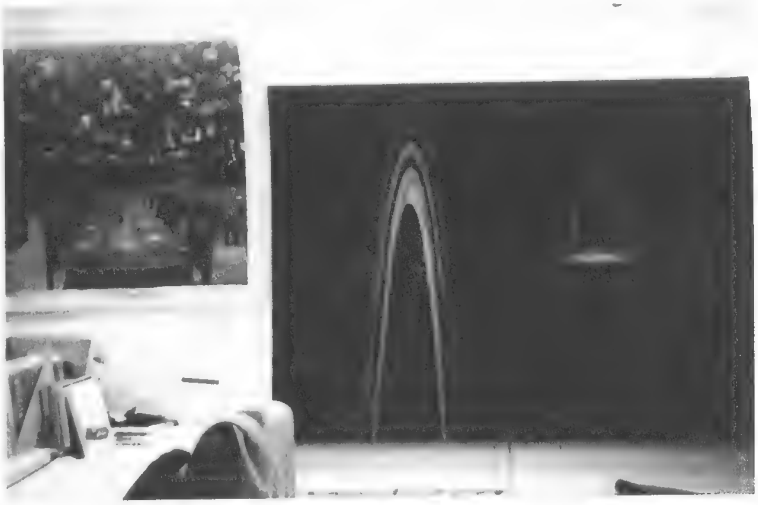




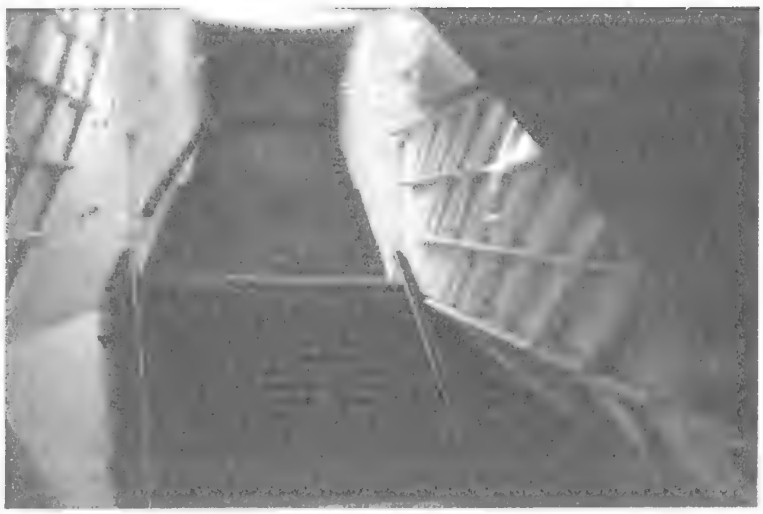






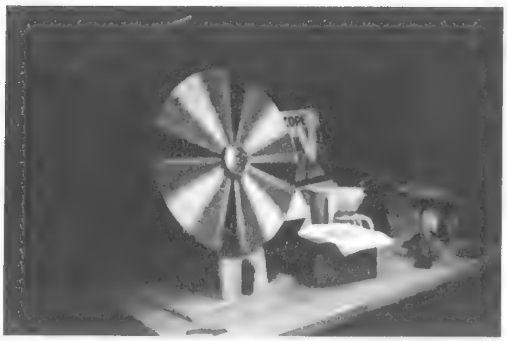


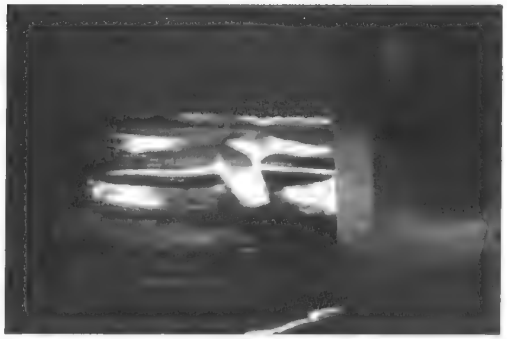
AND
THEN
SOME

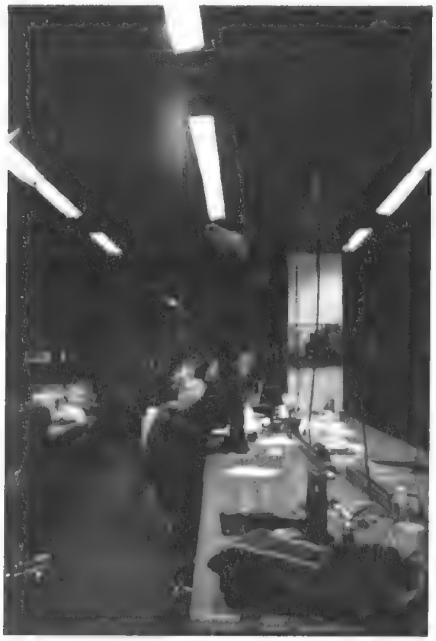


Stairway
Closed

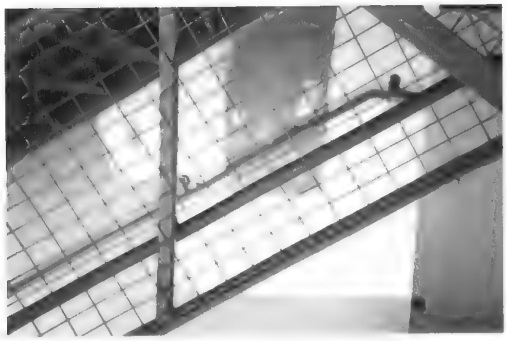
2019



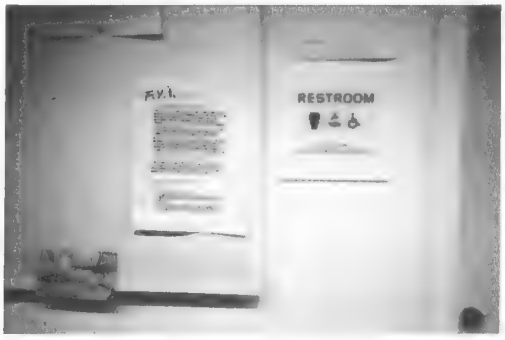




LOCKED LOOP
MONDRIAN
acer



ADOW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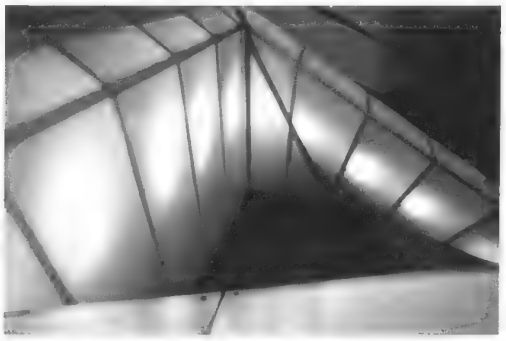
RESTROOM



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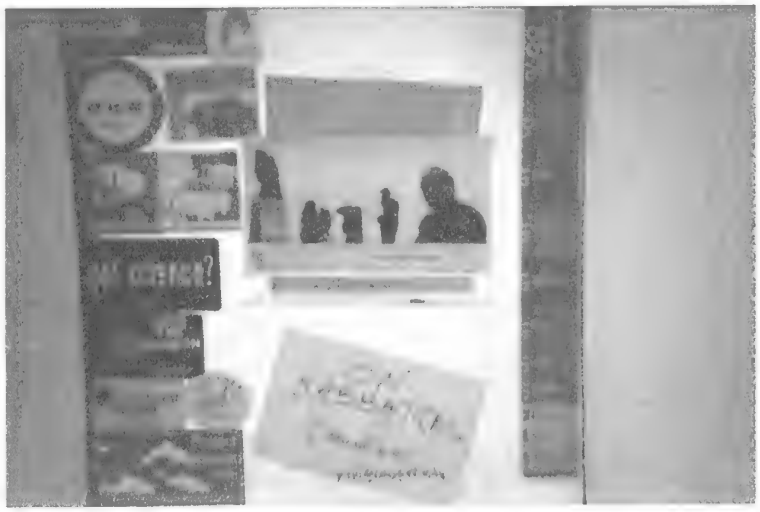
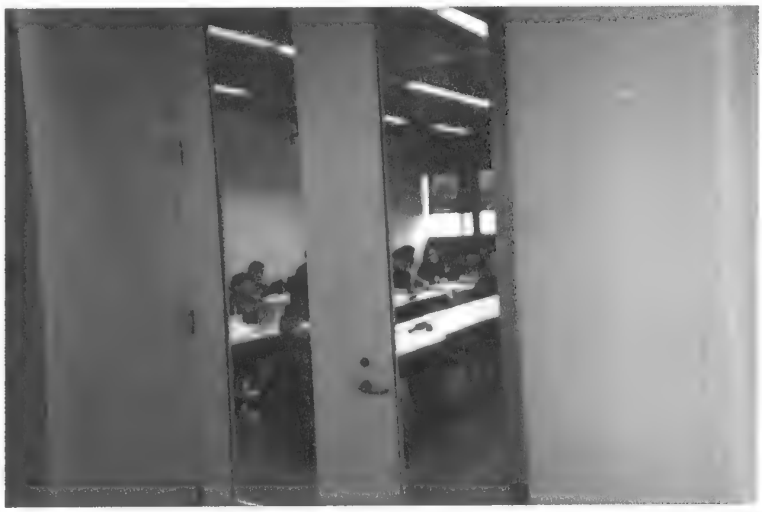
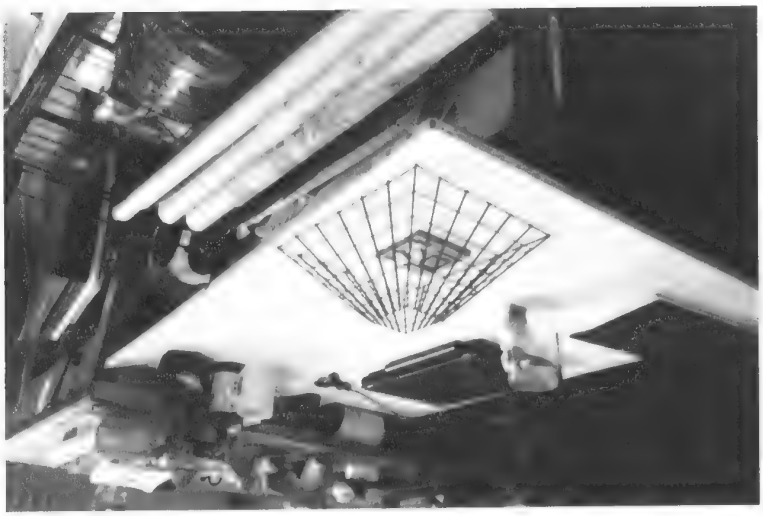
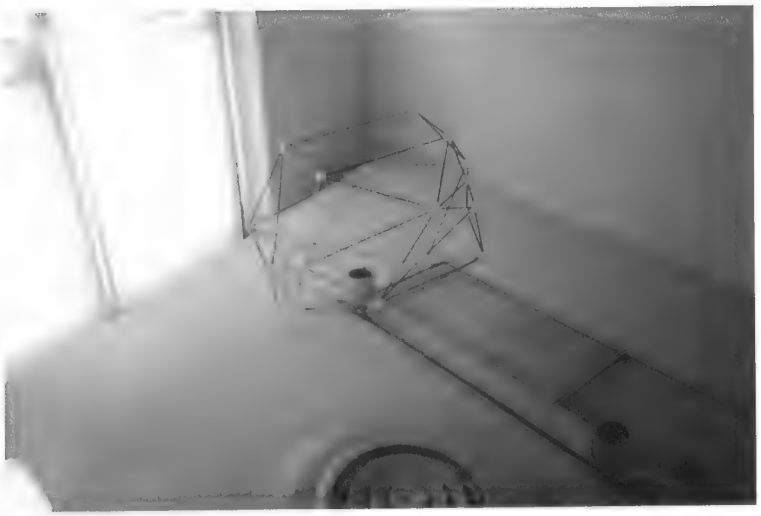
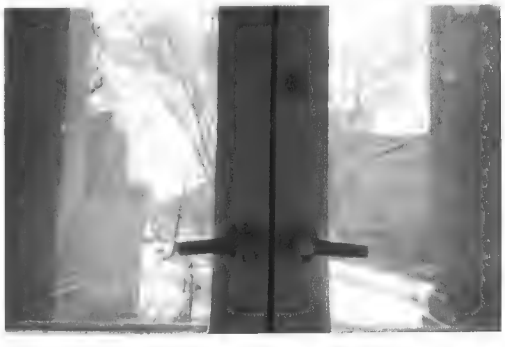


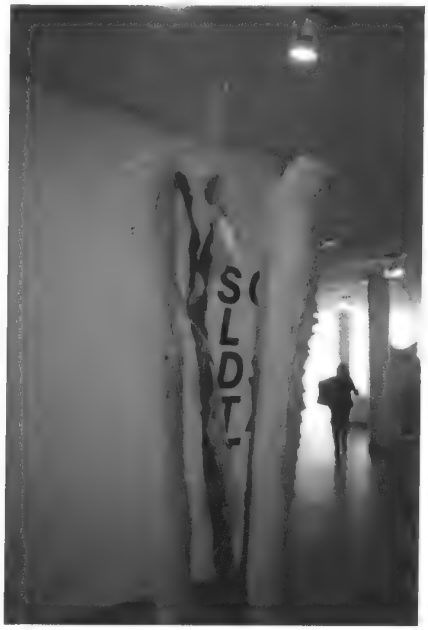


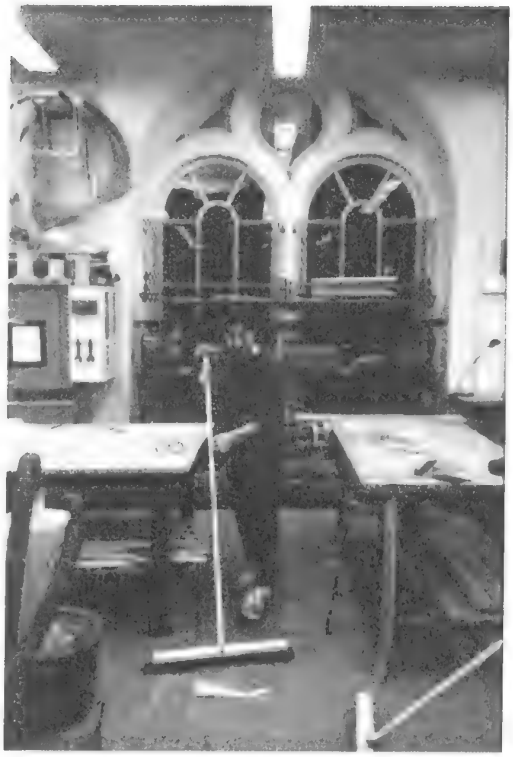


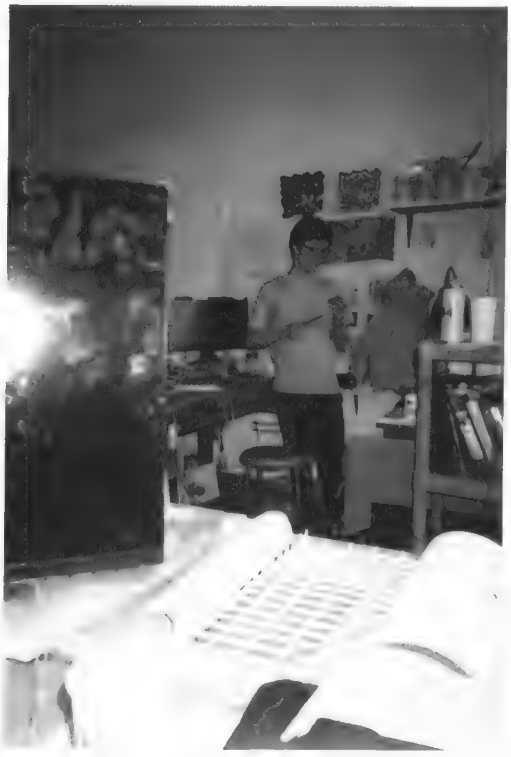


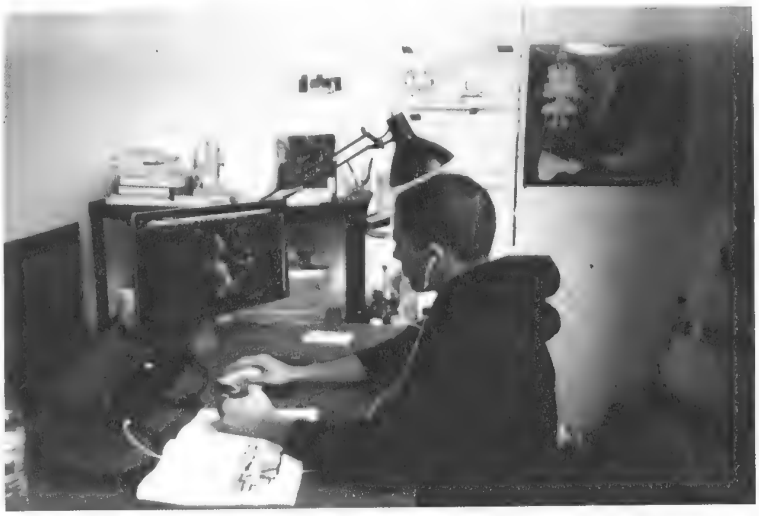
ST. MARKS HOTEL

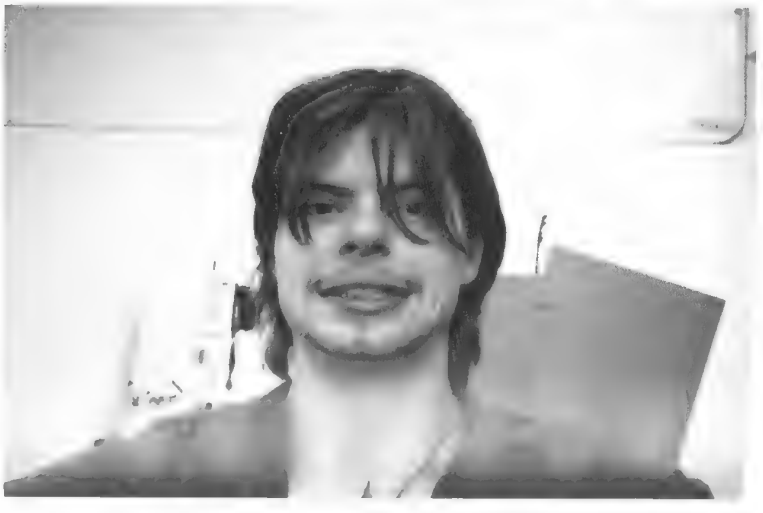


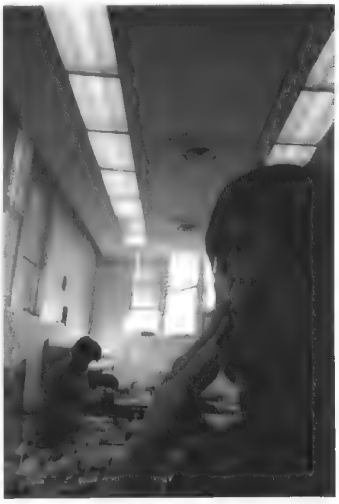

SLDT

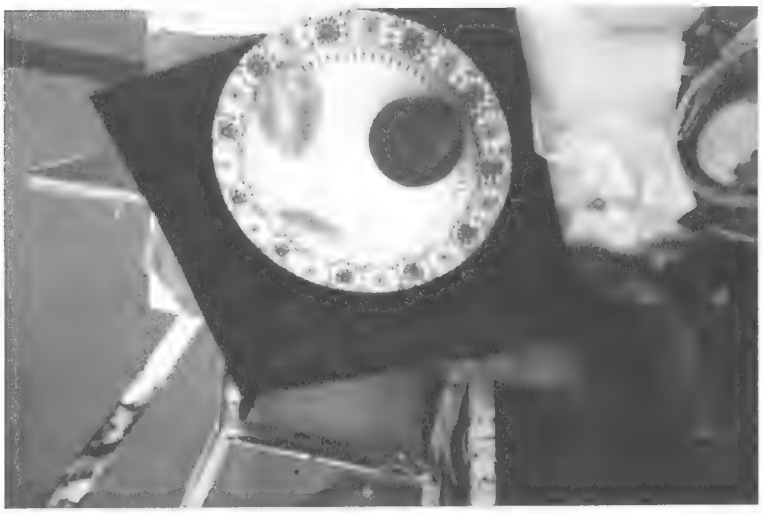






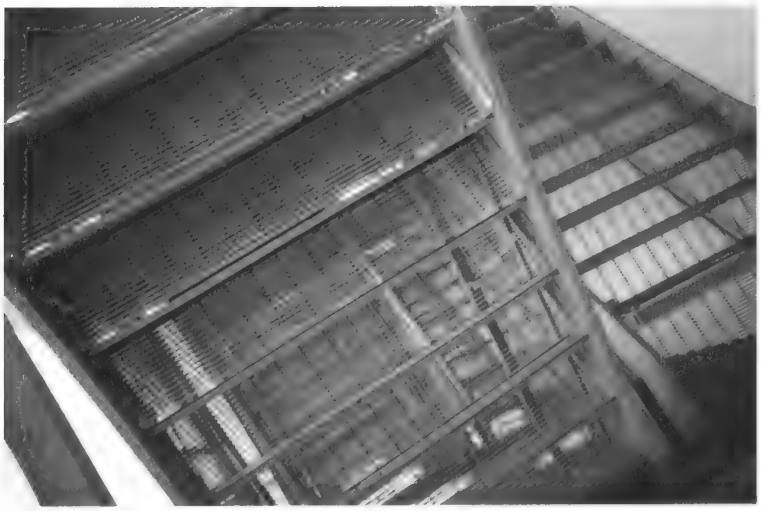


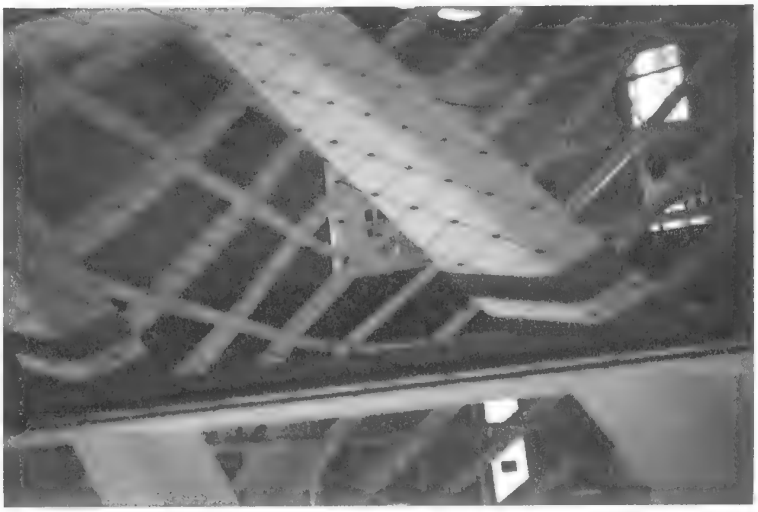




EXPLORATION

OPEN
FIGURE
DRAWING
MONDAYS
7-10pm
$6.00





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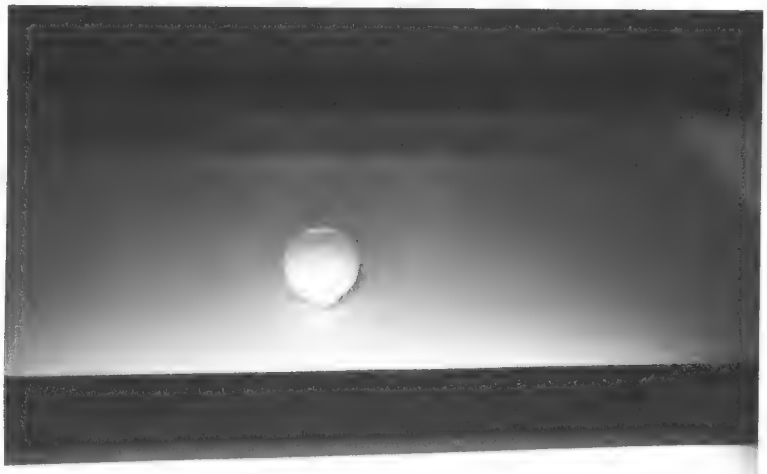

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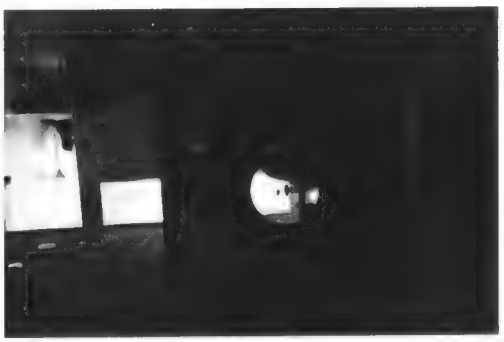

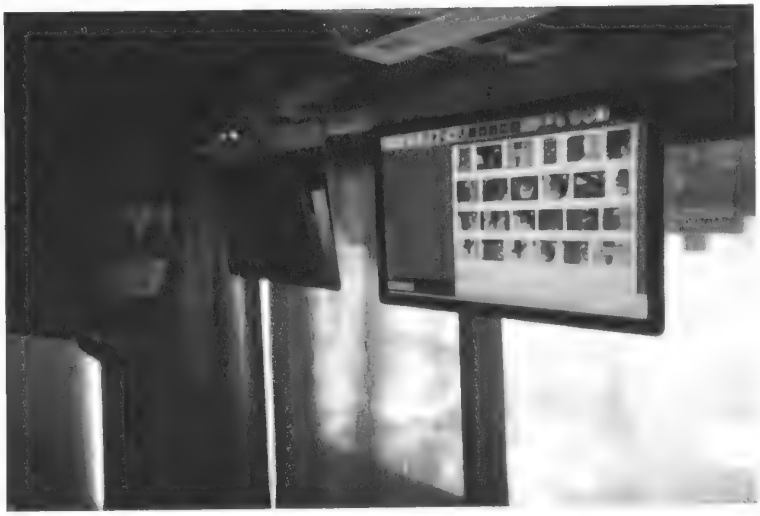

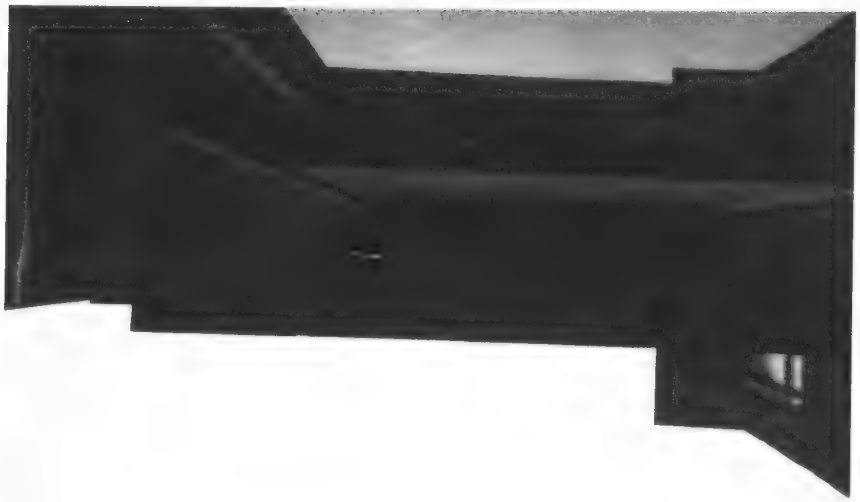

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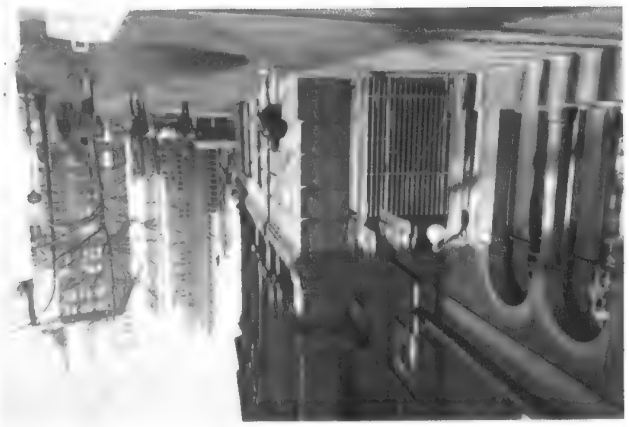

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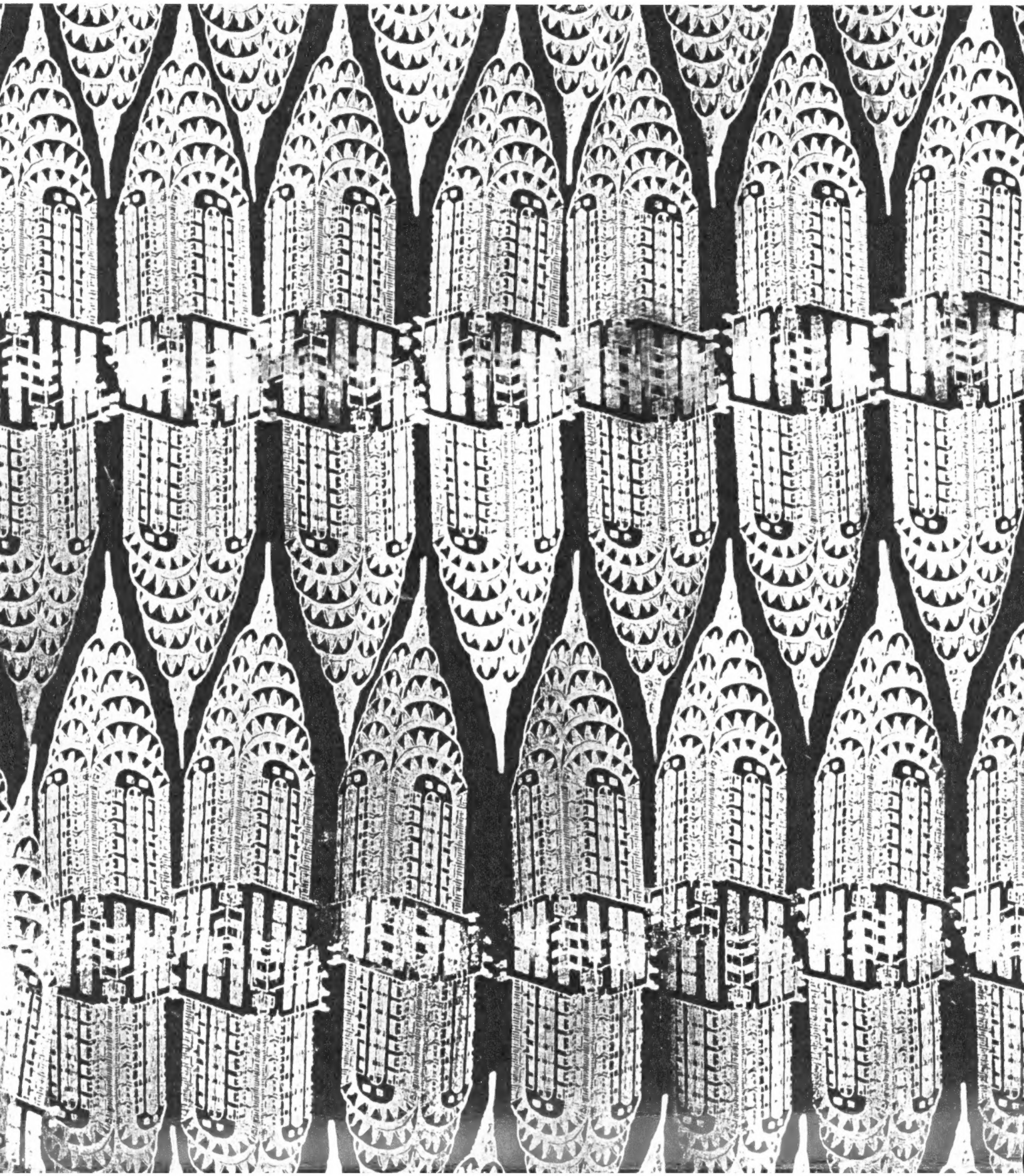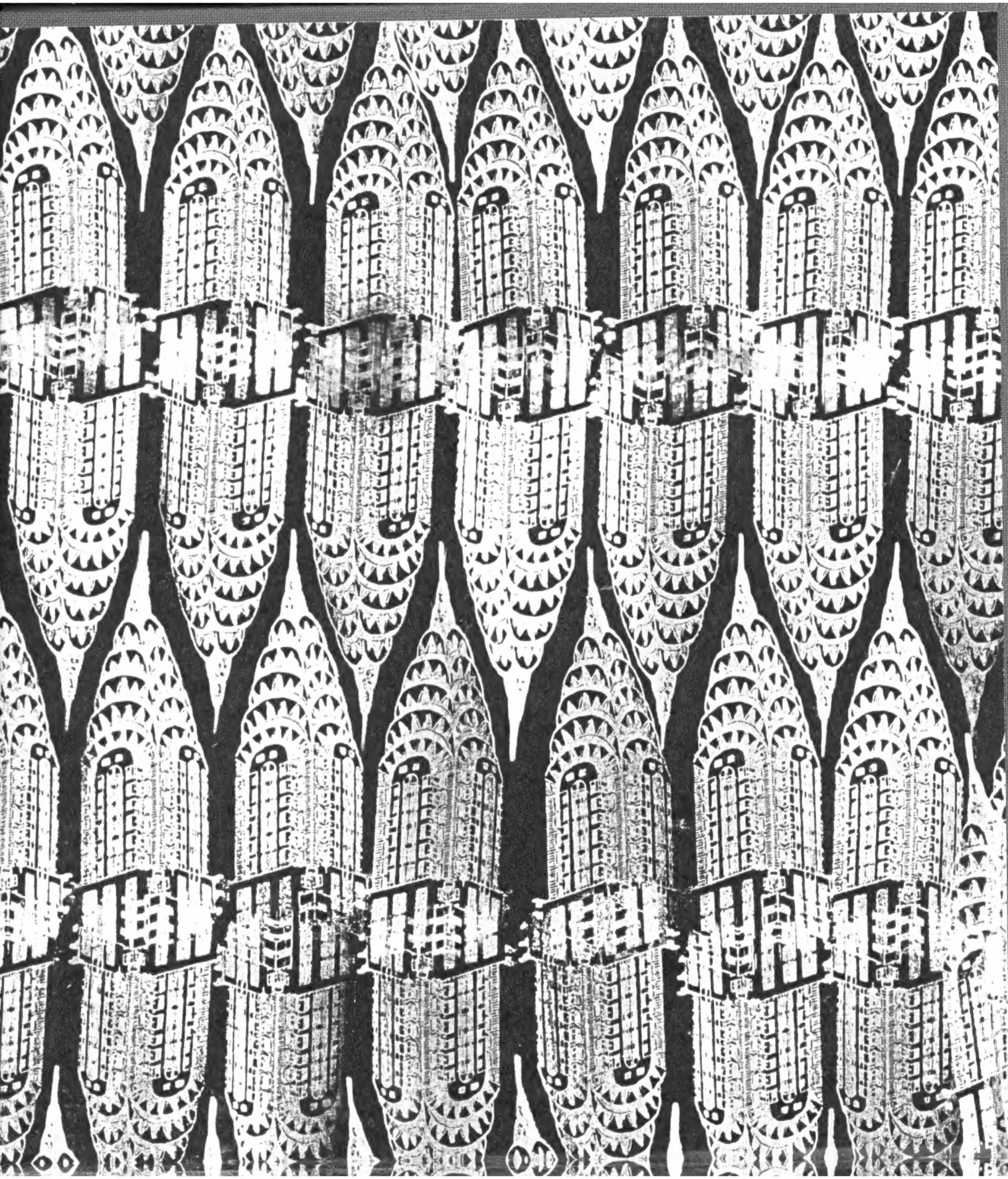
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